

Documented Code For testidx v1.1

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1 Introduction

This is the documented code for the `testidx` package. See `testidx-manual.pdf` for the main user guide.

2 Main Package Code

3 Initialisation

```
1 \NeedsTeXFormat{LaTeX2e}
2 \ProvidesPackage{testidx}[2017/08/11 v1.1 (NLCT)]
```

To avoid as much conflict as possible, this package loads the bare minimum, so I'm not using useful packages like `etoolbox` or `pgffor`. Just load a few necessities:

```
3 \RequirePackage{color}
```

Need to know if we have UTF-8 support:

```
4 \RequirePackage{ifxetex}
5 \RequirePackage{ifluatex}
```

```
idx@ifxeorlua
```

```
6 \newcommand*{\@tstidx@ifxelua}[2]{%
7   \ifxetex
8     #1%
9   \else
10    \ifluatex
11      #1%
12    \else
13      #2%
14    \fi
15  \fi
16 }
```

```
idx@ifutfviii
```

```
17 \newcommand*{\@tstidx@ifutfviii}[2]{%
18   \@tstidx@ifxelua{#1}
19   {%
20     \ifx\inputencodingname\@tstidx@utfviii#1\else#2\fi
21   }%
22 }
23 \newcommand*{\@tstidx@utfviii}{utf8}
```

```
cessasciisort
```

The first argument is a control sequence in which to store the processed sort string.

```
24 \newcommand*{\tstidxprocessasciisort}{\tstidxprocessasciisortstrip}
```

```
xStripAccents
```

```
25 \newcommand*{\testidxStripAccents}{%
26   \renewcommand*{\tstidxprocessasciisort}{\tstidxprocessasciisortstrip}%
27 }
```

oStripAccents

```
28 \newcommand*\testidxNoStripAccents}{%
29   \renewcommand*\tstidxprocessasciisort}{\tstidxprocessasciisortnostrip}%
30 }
```

Option to strip accents from sort key (non-UTF-8).

```
31 \DeclareOption{stripaccents}{\testidxStripAccents}
```

Leave the accent commands in the sort key (non-UTF-8).

```
32 \DeclareOption{nostripaccents}{\testidxNoStripAccents}
```

\tstidxquote

Quote character.

```
33 \newcommand{\tstidxquote}{\string"}
```

This is going to cause a problem for the umlauts if we're not using UTF-8, so provide a command to protect the double-quote:

\tstidxumlaut

```
34 \newcommand*\tstidxumlaut}{%
35   \expandafter\@gobble\string\\ \tstidxquote\string"}
```

idxsortumlaut

```
36 \newcommand*\tstidxsortumlaut}{%
37   \expandafter\@gobble\string\\ \tstidxquote\string"}
```

rtumlautstrip

```
38 \newcommand*\tstidxsortumlautstrip}{\@firstofone}
```

stidxGermanOn

Switch German option on.

```
39 \newcommand*\testidxGermanOn}{%
40   \let\@tstidx@ifgerman\@firstoftwo
41   \renewcommand{\tstidxquote}{+}%
42   \renewcommand*\tstidxumlaut}{\string"}%
43   \renewcommand*\tstidxsortumlautstrip}{\string"}%
44   \renewcommand*\tstidxsortumlaut}{\string"}%
45 }
```

tidxGermanOff

Switch German option off.

```
46 \newcommand*\testidxGermanOff}{%
47   \let\@tstidx@ifgerman\@secondoftwo
48   \renewcommand{\tstidxquote}{\string"}%
49   \renewcommand*\tstidxumlaut}{%
50     \expandafter\@gobble\string\\ \tstidxquote\string"}%
51   \renewcommand*\tstidxsortumlautstrip}{\@firstofone}%
52   \renewcommand*\tstidxsortumlaut}{%
53     \expandafter\@gobble\string\\ \tstidxquote\string"}%
54 }
```

tidx@ifgerman

```
55 \newcommand*{\@tstidx@ifgerman}[2]{#2}
```

User may want to run `makeindex` with the `-g` switch, so provide german option that will accommodate this.

```
56 \DeclareOption{german}{\testidxGermanOn}
```

Also allow `ngerman` to do the same:

```
57 \DeclareOption{ngerman}{\testidxGermanOn}
```

Provide an option to counter-act this:

```
58 \DeclareOption{nogerman}{\testidxGermanOff}
```

idxprocessutf

How to deal with UTF-8 words.

```
59 \@tstidx@ifxelua
```

```
60 {
```

```
61   \newcommand*{\tstidxprocessutf}{%
```

```
62     \tstidxprocessutfnosanitize
```

```
63   }
```

```
64 }
```

```
65 {
```

```
66   \newcommand*{\tstidxprocessutf}{%
```

```
67     \tstidxprocessutfsanitize
```

```
68   }
```

```
69 }
```

dx@ifsanitize

```
70 \newcommand*{\@tstidx@ifsanitize}[2]{#1}
```

idxSanitizeOn

Switch the sanitize option on.

```
71 \newcommand*{\testidxSanitizeOn}{%
```

```
72   \let\@tstidx@ifsanitize\@firstoftwo
```

```
73   \renewcommand*{\tstidxprocessutf}{%
```

```
74     \tstidxprocessutfsanitize
```

```
75   }%
```

```
76 }
```

dxSanitizeOff

Switch the sanitize option off.

```
77 \newcommand*{\testidxSanitizeOff}{%
```

```
78   \let\@tstidx@ifsanitize\@secondoftwo
```

```
79   \renewcommand*{\tstidxprocessutf}{%
```

```
80     \tstidxprocessutfnosanitize
```

```
81   }%
```

```
82 }
```

stidxdiglyphs

```
83 \newif\iftstidxdiglyphs
```

```
84 \tstidxdiglyphsfalse
```

Option to switch on digraph glyphs for the digraph examples:

```
85 \DeclareOption{diglyphs}{%
86   \@tstidx@ifutfviii{\testidxdiglyphstrue}%
87   {%
88     \PackageWarning{testidx}{diglyphs option requires UTF-8 support}%
89   }
90 }
```

Option to switch off digraphs glyphs for the digraph examples (default):

```
91 \DeclareOption{nodiglyphs}{\testidxdiglyphsfalse}
```

testidxprefix

```
92 \newif\iftestidxprefix
93 \testidxprefixtrue
```

Option to switch on sort prefixes (default):

```
94 \DeclareOption{prefix}{\testidxprefixtrue}
```

Option to switch off prefixes:

```
95 \DeclareOption{noprefix}{\testidxprefixfalse}
```

Option to switch on the UTF-8 sanitization (irrespective of engine):

```
96 \DeclareOption{sanitize}{\testidxSanitizeOn}
```

Option to switch off the UTF-8 sanitization (irrespective of engine):

```
97 \DeclareOption{nosanitize}{\testidxSanitizeOff}
```

Option to show the actual indexing argument.

testidxverbose

```
98 \newif\iftestidxverbose
99 \testidxverbosefalse
100 \DeclareOption{verbose}{\testidxverbosetrue}
101 \DeclareOption{noverbose}{\testidxverbosefalse}
```

Option to hide the markers.

testidxshowmarks

```
102 \newif\iftestidxshowmarks
103 \testidxshowmarkstrue
104 \DeclareOption{showmarks}{\testidxshowmarkstrue}
105 \DeclareOption{noshowmarks}{\testidxshowmarksfalse}
106 \DeclareOption{hidemarks}{\testidxshowmarksfalse}
```

Option to skip the test encaps.

testidx@use@encaps

```
107 \newif\if@tstidx@use@encaps
108 \@tstidx@use@encapstrue
109 \DeclareOption{testencaps}{\@tstidx@use@encapstrue}
110 \DeclareOption{notestencaps}{\@tstidx@use@encapsfalse}
```

Process options:

```
111 \ProcessOptions
```

Find out if various packages have been loaded.

```
idx@ifamsmath
```

```
112 \AtBeginDocument{%
113   \@ifpackageloaded{amsmath}%
114   {\let\tstidx@ifamsmath\@firstoftwo}%
115   {\let\tstidx@ifamsmath\@secondoftwo}%
116   \@ifpackageloaded{amssymb}%
117   {\let\tstidx@ifamssymb\@firstoftwo}%
118   {\let\tstidx@ifamssymb\@secondoftwo}%
```

```
dx@ifinputenc
```

```
119   \@ifpackageloaded{inputenc}
120   {
121     \let\tstidx@ifinputenc\@firstoftwo
122   }%
123   {%
124     \ifxetex
125       \let\tstidx@ifinputenc\@firstoftwo
126     \else
127       \ifluatex
128         \let\tstidx@ifinputenc\@firstoftwo
129       \else
130         \let\tstidx@ifinputenc\@secondoftwo
131       \fi
132     \fi
133   }%
```

```
x@if@notOT@ne
```

Some of the accent commands don't work with the default OT1 encoding, so provide a convenient test.

```
134   \ifxetex
135     \let\tstidx@if@notOT@ne\@firstoftwo
136   \else
137     \ifluatex
138       \let\tstidx@if@notOT@ne\@firstoftwo
139     \else
140       \newcommand*\@tstidx@OT@ne{OT1}%
141       \edef\tstidx@enc{\encodingdefault}%
142       \ifx\tstidx@OT@ne\tstidx@enc
143         \let\tstidx@if@notOT@ne\@secondoftwo
144       \else
145         \let\tstidx@if@notOT@ne\@firstoftwo
146       \fi
147     \fi
148   \fi
149 }
```

4 Markup Commands

String is used in case any of these characters have been made active.

```
\tstidxactual  Actual character.
150 \newcommand{\tstidxactual}{\string @}

\tstidxlevel  Level character.
151 \newcommand{\tstidxlevel}{\string!}

\tstidxencap  Encap character.
152 \newcommand{\tstidxencap}{\string|}

\tstidxopenrange  Start range character.
153 \newcommand{\tstidxopenrange}{\string(}

\tstidxcloserange  End range character.
154 \newcommand{\tstidxcloserange}{\string)}
```

Some of the examples use words with extended Latin characters. Provide a way of simulating the user explicitly writing, for example, `\index{"Angelholm}`.

```
\processascii  The first argument is a control sequence in which to store the processed string.
155 \newcommand*{\tstidxprocessascii}[2]{%
156   {%
157     \let\ "\tstidxumlaut
158     \def\ '{\string\'}%
159     \def\`{\string\`}%
160     \def\.{\string\.%}
161     \def\={\string\=}%
162     \def\^{\string\^}%
163     \def\~{\string\~}%
164     \def\c{\string\c}%
165     \def\r{\string\r}%
166     \def\b{\string\b}%
167     \def\d{\string\d}%
168     \def\H{\string\H}%
169     \def\k{\string\k}%
170     \def\u{\string\u}%
171     \def\v{\string\v}%
172     \def\O{\string\O\space}%
173     \def\o{\string\o\space}%
174     \def\l{\string\l\space}%
175     \def\L{\string\L\space}%
176     \def\i{\string\i\space}%
177     \def\AA{\string\AA\space}%
178     \def\aa{\string\aa\space}%
179     \def\ae{\string\ae\space}%
180     \def\AE{\string\AE\space}%
```

```

181 \def\oe{\string\oe\space}%
182 \def\OE{\string\OE\space}%
183 \def\ss{\string\ss\space}%
184 \def\SS{\string\SS\space}%
185 \def\th{\string\th\space}%
186 \def\TH{\string\TH\space}%
187 \def\dh{\string\dh\space}%
188 \def\DH{\string\DH\space}%
189 \def\dj{\string\dj\space}%
190 \def\DJ{\string\DJ\space}%
191 \def\ng{\string\ng\space}%
192 \def\NG{\string\NG\space}%
193 \protected@xdef#1{#2}%
194 }%
195 }

```

isortnostrip

```

196 \newcommand*{\tstidxprocessasciisortnostrip}[2]{%
197   {%
198     \let"\tstidxsortumlaut
199     \protected@xdef#1{#2}%
200   }%
201 }

```

sciisortstrip

```

202 \newcommand*{\tstidxprocessasciisortstrip}[2]{%
203   {%
204     \let"\tstidxsortumlautstrip
205     \let'\@firstofone
206     \let`\@firstofone
207     \let.\@firstofone
208     \let=\@firstofone
209     \let^\@firstofone
210     \let~\@firstofone
211     \let\c\@firstofone
212     \let\r\@firstofone
213     \let\b\@firstofone
214     \let\d\@firstofone
215     \let\H\@firstofone
216     \let\k\@firstofone
217     \let\u\@firstofone
218     \let\v\@firstofone
219     \def\O{O}%
220     \def\o{o}%
221     \def\l{l}%
222     \def\L{L}%
223     \def\i{i}%
224     \def\AA{A}%
225     \def\aa{a}%

```



```

226 \def\ae{ae}%
227 \def\AE{AE}%
228 \def\oe{oe}%
229 \def\OE{OE}%
230 \def\ss{ss}%
231 \def\SS{SS}%
232 \def\th{th}%
233 \def\TH{TH}%
234 \def\dh{dh}%
235 \def\DH{DH}%
236 \def\dj{dj}%
237 \def\DJ{DJ}%
238 \def\ng{ng}%
239 \def\NG{NG}%
240 \protected@xdef#1{#2}%
241 }%
242 }

```

`ssutfsanitize` **Sanitize UTF-8 strings.**

```

243 \newcommand*{\tstidxprocessutfsanitize}[2]{%
244 \def#1{#2}%
245 \@onelevel@sanitize#1%
246 }

```

`utfnosanitize` **Don't sanitize UTF-8 strings.**

```

247 \newcommand*{\tstidxprocessutfnosanitize}[2]{%
248 \def#1{#2}%
249 }

```

`tstidxencaptxt` **Wrap text in the command corresponding to the given encap.**

```

250 \newcommand*{\tstidxencaptxt}[2]{%
251 \@ifundefined{#1}%
252 {%
253 \PackageError{testidx}{Encap value `#1' doesn't correspond
254 to a known command}{}%
255 }%
256 {%
257 \csname#1\endcsname{#2}%
258 }%
259 }

```

`\tstidxtext` **Identify text next to the index command. This will also be wrapped around the encap value if supplied.**

```

260 \newcommand*{\tstidxtext}[1]{\textcolor[gray]{0.3}{#1}}

```

Provide three different encap values for testing:

`\tstidxencapi`

```

261 \newcommand*{\tstidxencapi}[1]{\textcolor{blue}{#1}}

```

tstidxencapii

```
262 \newcommand*{\tstidxencapii}[1]{\textcolor{cyan}{#1}}
```

stidxencapiii

```
263 \newcommand*{\tstidxencapiii}[1]{\textcolor{magenta}{#1}}
```

idxensuretext

Ensure in text mode.

```
264 \newcommand*{\tstidxensuretext}[1]{%
265   \ifmmode
266     \@tstidx@ifamsmath{\text{#1}}{\mbox{#1}}%
267   \else
268     #1%
269   \fi
270 }
```

Markers to show where the `\index` commands are used. Preferable to have markers that adjust to font size, and only use commands provided by L^AT_EX kernel to reduce package requirements.

\tstidxmarker

No range or cross-reference. I initially used `\textperiodcentered` for the marker, but some fonts make it a bit too spacey for this purpose.

```
271 \newcommand*{\tstidxmarker}{%
272   \tstidxensuretext{\raisebox{.65ex}{.}}%
273 }
```

tidxsubmarker

Sub-entry.

```
274 \newcommand*{\tstidxsubmarker}{%
275   \tstidxensuretext{\strut\smash{\raisebox{-1.5ex}{\v{}}}}%
276 }
```

xsubsubmarker

Sub-sub-entry.

```
277 \newcommand*{\tstidxsubsubmarker}{%
278   \tstidxensuretext{\strut\makebox[0pt][l]{\smash{\raisebox{-1ex}{\v{}}}}}%
279   \smash{\raisebox{-1.5ex}{\v{}}}}%
280 }
```

idxopenmarker

Start of a range.

```
281 \newcommand*{\tstidxopenmarker}{%
282   \tstidxensuretext
283   {%
284     \setlength{\unitlength}{1ex}%
285     \begin{picture}(.5,2)
286       \put(\@halfwidth\@gobble,0){\line(0,1){2}}
287       \put(0,2){\line(1,0){.5}}
288     \end{picture}%
289     \hspace{\@halfwidth}%
290   }%
291 }
```

dxclosemarker **End of a range.**

```
292 \newcommand*{\tstdidxclosemarker}{%
293   \tstdidxensuretext
294   {%
295     \setlength{\unitlength}{1ex}%
296     \begin{picture}(.5,2)
297       \put(\@halfwidth\@gobble,0){\line(1,0){.5}}
298       \put(.5,0){\line(0,1){2}}
299     \end{picture}%
300     \hspace{\@halfwidth}%
301   }%
302 }
```

opensubmarker **Start of a range for sub-entries.**

```
303 \newcommand*{\tstdidxopensubmarker}{%
304   \tstdidxensuretext
305   {%
306     \setlength{\unitlength}{1ex}%
307     \begin{picture}(.4,1.6)
308       \put(\@halfwidth\@gobble,0){\line(0,1){1.6}}
309       \put(0,1.6){\line(1,0){.4}}
310     \end{picture}%
311     \hspace{\@halfwidth}%
312   }%
313 }
```

losesubmarker **End of a range for sub-entries.**

```
314 \newcommand*{\tstdidxclosesubmarker}{%
315   \tstdidxensuretext
316   {%
317     \setlength{\unitlength}{1ex}%
318     \begin{picture}(.4,1.6)
319       \put(\@halfwidth\@gobble,0){\line(1,0){.4}}
320       \put(.4,0){\line(0,1){1.6}}
321     \end{picture}%
322     \hspace{\@halfwidth}%
323   }%
324 }
```

nsubsubmarker **Start of a range for sub-sub-entries.**

```
325 \newcommand*{\tstdidxopensubsubmarker}{%
326   \tstdidxensuretext
327   {%
328     \setlength{\unitlength}{1ex}%
329     \begin{picture}(.3,1.2)
330       \put(\@halfwidth\@gobble,0){\line(0,1){1.2}}
331       \put(0,1.2){\line(1,0){.3}}
332     \end{picture}%
333     \hspace{\@halfwidth}%
334 }
```

```

334 }%
335 }

esubsubmarker End of a range for sub-sub-entries.
336 \newcommand*{\tstidxclosesubsubmarker}{%
337 \tstidxensuretext
338 {%
339 \setlength{\unitlength}{1ex}%
340 \begin{picture}(.3,1.2)
341 \put(\@halfwidth\@gobble,0){\line(1,0){.3}}
342 \put(.3,0){\line(0,1){1.2}}
343 \end{picture}%
344 \hspace{\@halfwidth}%
345 }%
346 }

tidxseemarker Cross-reference.
347 \newcommand*{\tstidxseemarker}{\^{}{}}

\tstidxseeref Cross-references are identified with the marker and with a marginal note with the term being indexed and the argument of the “see” encap.
348 \newcommand*{\tstidxseeref}[3]{\tstidxseemarker
349 \marginpar{\strut\raggedright\footnotesize
350 \normalcolor\tstidxseemarker#1, \cscname#2\endcscname{#3}{}}%
351 }

xsubseemarker Cross-reference.
352 \newcommand*{\tstidxsubseemarker}{%
353 \tstidxensuretext{\makebox[0pt][l]{\tstidxsubmarker}%
354 \tstidxseemarker}%
355 }

tidxsubseeref Cross-references are identified with the marker and with a marginal note with the term being indexed and the argument of the “see” encap.
356 \newcommand*{\tstidxsubseeref}[4]{\tstidxsubseemarker
357 \marginpar{\strut\raggedright\footnotesize
358 \normalcolor\tstidxsubseemarker#1\tstidxsubseesep#2, \cscname#3\endcscname{#4}{}}%
359 }

tidxsubseesep Separator used in the above.
360 \newcommand*{\tstidxsubseesep}{\,$\triangleright$\,$}

\tstindex Allow user to change \index to something else. For example, add an optional argument if multiple indexes are present.
361 \newcommand*{\tstindex}{\index}

```

`\@tstindex`

```
362 \newcommand*{\@tstindex}[1]{%
363   \iftestidxverbose
364   \def\@tstindex@arg{#1}%
365   \@onelevel@sanitize\@tstindex@arg
366   \testidxverbosefmt{\@tstindex@arg}%
367   \fi
368   \tstindex{#1}%
369 }
```

`idxverbosefmt`

```
370 \newcommand*{\testidxverbosefmt}[1]{%
371   \expandafter\def\expandafter\@tstidx@tmp\expandafter{\tstindex}%
372   \@onelevel@sanitize\@tstidx@tmp
373   \tstidxensuretext{%
374     \discretionary{}{}{}%
375     {\footnotesize\texttt{\@tstidx@tmp
376       \expandafter@gobble\string\{#1\expandafter@gobble\string\}}}%
377     \discretionary{}{}{}%
378   }%
379 }
```

`\tstidxqt` Nothing to do with indexing, but just provides semantic markup for quotes.

```
380 \newcommand*{\tstidxqt}[1]{``#1''}
```

`\tstidxdash`

```
381 \newcommand*{\tstidxdash}{\,---\,}
```

`stidxfootnote`

```
382 \newcommand*{\tstidxfootnote}{\footnote}
```

5 Convenience Commands

These commands are provided for conveniently marking various aspects of the dummy text.

`\tstidxfmtpost`

```
\tstidxfmtpost{\langle text \rangle}{\langle fmt cs \rangle}{\langle encap \rangle}
```

Index an entry that needs a formatting command.

```
383 \newcommand*{\tstidxfmtpost}[3]{%
384   \tstindexpost[#1]{\protect#2{#1}}[#1]{#3}{#2{#1}}%
385 }
```

`idxfmtopenpost`

```
\tstidxfmtopenpost{\langle text \rangle}{\langle fmt cs \rangle}{\langle encap \rangle}
```

Index an entry that needs a formatting command.

```

386 \newcommand*{\tstidxfmtopenpost}[3]{%
387   \tstindexopenpost[#1]{\protect#2{#1}}{#3}{#2{#1}}%
388 }

```

`\tstidxfmtclosepost` `\tstidxfmtclosepost{<text>}{<fmt cs>}{<encap>}`

Index an entry that needs a formatting command.

```

389 \newcommand*{\tstidxfmtclosepost}[3]{%
390   \tstindexclosepost[#1]{\protect#2{#1}}{#3}{#2{#1}}%
391 }

```

`\tstidxfmtpre` `\tstidxfmtpre{<text>}{<fmt cs>}{<encap>}`

Index an entry that needs a formatting command.

```

392 \newcommand*{\tstidxfmtpre}[3]{%
393   \tstindexpre[#1]{\protect#2{#1}}{#3}{#2{#1}}%
394 }

```

`\tstidxfmtopenpre` `\tstidxfmtopenpre{<text>}{<fmt cs>}{<encap>}`

Index an entry that needs a formatting command.

```

395 \newcommand*{\tstidxfmtopenpre}[3]{%
396   \tstindexopenpre[#1]{\protect#2{#1}}{#3}{#2{#1}}%
397 }

```

`\tstidxfmtclosepre` `\tstidxfmtclosepre{<text>}{<fmt cs>}{<encap>}`

Index an entry that needs a formatting command.

```

398 \newcommand*{\tstidxfmtclosepre}[3]{%
399   \tstindexclosepre[#1]{\protect#2{#1}}{#3}{#2{#1}}%
400 }

```

`\tstidxutf` `\tstidxutf[<label>]{<display>}{<ascii>}{<utf8>}{<encap>}{<idx cs>}`

Index a word with UTF-8 characters.

```

401 \newcommand*{\tstidxutf}{%
402   \@ifnextchar[{\@tstidxutf}{\@tstidxutf[]}%
403 }
404 \def\@tstidxutf[#1]#2#3#4#5#6{%
405   \def\@tstidx@text{#2}%
406   \@tstidx@ifutfviii

```

```

407  {%
408    \ifx\@tstidx@text\@empty
409      \def\@tstidx@text{#4}%
410    \fi
411    \tstidxprocessutf{\@tstidx@utf}{#4}%
412    \protected@edef\@tstidx@doidx{%
413      \noexpand#6{\unexpanded\expandafter{\@tstidx@utf}}[#1]{#5}%
414      {\@tstidx@text}%
415    }%
416  }%
417  {%
418    \ifx\@tstidx@text\@empty
419      \def\@tstidx@text{#3}%
420    \fi
421    \tstidxprocessascii{\@tstidx@ascii}{#3}%
422    \tstidxprocessasciisort{\@tstidx@asciisort}{#3}%
423    \protected@edef\@tstidx@doidx{%
424      \noexpand#6[\unexpanded\expandafter{\@tstidx@asciisort}]%
425      {\unexpanded\expandafter{\@tstidx@ascii}}[#1]{#5}%
426      {\@tstidx@text}%
427    }%
428  }%
429  \@tstidx@doidx
430 }

```

<code>\tstidxsubutf</code>	<code>\tstidxsubutf{<math display>}{<ascii>}{<utf8>}{<sub-ascii>}[<label>]</code> <code>{<sub-utf8>}{<encap>}{<idx cs>}</code>
----------------------------	---

First level sub-entry.

```

431 \newcommand*{\tstidxsubutf}[4]{%
432   \@ifnextchar[{\@tstidxsubutf{#1}{#2}{#3}{#4}}{%
433     {\@tstidxsubutf{#1}{#2}{#3}{#4}[]}%
434   }
435 \def\@tstidxsubutf#1#2#3#4[#5]#6#7#8{%
436   \def\@tstidx@text{#1}%
437   \@tstidx@ifutfviii
438   {%
439     \ifx\@tstidx@text\@empty
440       \def\@tstidx@text{#3}%
441     \fi
442     \tstidxprocessutf{\@tstidx@utf}{#3}%
443     \tstidxprocessutf{\@tstidx@subutf}{#6}%
444     \protected@edef\@tstidx@doidx{%
445       \noexpand#8%
446       {\unexpanded\expandafter{\@tstidx@utf}}%
447       {\unexpanded\expandafter{\@tstidx@subutf}}%
448       [#5]%
449       {#7}%

```

```

450     {\@tstidx@text}%
451   }%
452 }%
453 {%
454   \ifx\@tstidx@text\@empty
455     \def\@tstidx@text{#2}%
456   \fi
457   \tstidxprocessascii{\@tstidx@ascii}{#2}%
458   \tstidxprocessasciisort{\@tstidx@asciisort}{#2}%
459   \tstidxprocessascii{\@tstidx@subascii}{#4}%
460   \tstidxprocessasciisort{\@tstidx@subasciisort}{#4}%
461   \protected@edef\@tstidx@doidx{%
462     \noexpand#8%
463     [\unexpanded\expandafter{\@tstidx@asciisort}]%
464     {\unexpanded\expandafter{\@tstidx@ascii}}%
465     [\unexpanded\expandafter{\@tstidx@subasciisort}]%
466     {\unexpanded\expandafter{\@tstidx@subascii}}%
467     [#5]%
468     {#7}%
469     {\@tstidx@text}%
470   }%
471 }%
472 \@tstidx@doidx
473 }

```

`\tstidxutfpost` `\tstidxutfpost [<display>] {<ascii>} [<label>] {<utf8>} {<encap>}`

Index a word with UTF-8 characters.

```

474 \newcommand*{\tstidxutfpost}[2][ ]{%
475   \@ifnextchar[{\@tstidxutfpost{#1}{#2}}{\@tstidxutfpost{#1}{#2}[ ]}%
476 }

```

`\tstidxutfpost`

```

477 \def\@tstidxutfpost#1#2[#3]#4#5{%
478   \tstidxutf[#3]{#1}{#2}{#4}{#5}{\tstindexpost}%
479 }

```

`\tstidxutfopenpost` `\tstidxutfopenpost [<display>] {<ascii>} {<utf8>} {<encap>}`

Index a word with UTF-8 characters.

```

480 \newcommand*{\tstidxutfopenpost}[4][ ]{%
481   \tstidxutf{#1}{#2}{#3}{#4}{\tstindexopenpost}%
482 }

```

`\tstidxutfclosepost` `\tstidxutfclosepost [<display>] {<ascii>} {<utf8>} {<encap>}`

Index a word with UTF-8 characters.

```
483 \newcommand*{\tstidxutfclosepost}[4][[]]{%
484   \tstidxutf{#1}{#2}{#3}{#4}{\tstindexclosepost}%
485 }
```

\tstidxutfprefpre $\tstidxutfpref[\langle display \rangle]{\langle ascii \rangle}[\langle label \rangle]{\langle utf8 \rangle}{\langle encap \rangle}$

Index a word with UTF-8 characters.

```
486 \newcommand*{\tstidxutfpref}[2][[]]{%
487   \@ifnextchar[{\@tstidxutfpref{#1}{#2}}{\@tstidxutfpref{#1}{#2}[#2]}%
488 }
489 \def\@tstidxutfpref#1#2[#3]#4#5{%
490   \tstidxutf[#3]{#1}{#2}{#4}{#5}{\tstindexpre}%
491 }
```

tstidxutfprefopenpre $\tstidxutfprefopenpre[\langle display \rangle]{\langle ascii \rangle}{\langle utf8 \rangle}{\langle encap \rangle}$

Index a word with UTF-8 characters.

```
492 \newcommand*{\tstidxutfprefopenpre}[4][[]]{%
493   \tstidxutf{#1}{#2}{#3}{#4}{\tstindexopenpre}%
494 }
```

tstidxutfprefclosepre $\tstidxutfprefclosepre[\langle display \rangle]{\langle ascii \rangle}{\langle utf8 \rangle}{\langle encap \rangle}$

Index a word with UTF-8 characters.

```
495 \newcommand*{\tstidxutfprefclosepre}[4][[]]{%
496   \tstidxutf{#1}{#2}{#3}{#4}{\tstindexclosepre}%
497 }
```

tstidxutfprefsubpost $\tstidxutfprefsubpost[\langle display \rangle]{\langle ascii \rangle}{\langle utf8 \rangle}{\langle sub-ascii \rangle}[\langle label \rangle]{\langle sub-utf8 \rangle}{\langle encap \rangle}$

Sub-entry.

```
498 \newcommand*{\tstidxutfprefsubpost}[4][[]]{%
499   \@ifnextchar[{\@tstidxutfprefsubpost{#1}{#2}{#3}{#4}}%
500   {\@tstidxutfprefsubpost{#1}{#2}{#3}{#4}[[]]}%
501 }
502 \def\@tstidxutfprefsubpost#1#2#3#4[#5]#6#7{%
503   \tstidxsubutf{#1}{#2}{#3}{#4}[#5]{#6}{#7}{\tstsubindexpost}%
504 }
```

tstidxutfprefsubopenpost $\tstidxutfprefsubopenpost[\langle display \rangle]{\langle ascii \rangle}{\langle utf8 \rangle}{\langle sub-ascii \rangle}{\langle sub-utf8 \rangle}{\langle encap \rangle}$

Sub-entry.

```
505 \newcommand*{\tstidxutfsubopenpost}[6][[]]{%
506   \tstidxsubutf{#1}{#2}{#3}{#4}{#5}{#6}{\tstsubindexopenpost}%
507 }
```

utfsubclosepost

```
\tstidxutfsubclosepost [display]{ascii}{utf8}{sub-ascii}
{sub-utf8}{encap}
```

Sub-entry.

```
508 \newcommand*{\tstidxutfsubclosepost}[6][[]]{%
509   \tstidxsubutf{#1}{#2}{#3}{#4}{#5}{#6}{\tstsubindexclosepost}%
510 }
```

stidxutfsubpre

```
\tstidxutfsubpre [display]{ascii}{utf8}{sub-ascii}
{sub-utf8}{encap}
```

Sub-entry.

```
511 \newcommand*{\tstidxutfsubpre}[6][[]]{%
512   \tstidxsubutf{#1}{#2}{#3}{#4}{#5}{#6}{\tstsubindexpre}%
513 }
```

utfsubopenpre

```
\tstidxutfsubopenpre [display]{ascii}{utf8}{sub-ascii}
{sub-utf8}{encap}
```

Sub-entry.

```
514 \newcommand*{\tstidxutfsubopenpre}[6][[]]{%
515   \tstidxsubutf{#1}{#2}{#3}{#4}{#5}{#6}{\tstsubindexopenpre}%
516 }
```

utfsubclosepre

```
\tstidxutfsubclosepre [display]{ascii}{utf8}{sub-ascii}
{sub-utf8}{encap}
```

Sub-entry.

```
517 \newcommand*{\tstidxutfsubclosepre}[6][[]]{%
518   \tstidxsubutf{#1}{#2}{#3}{#4}{#5}{#6}{\tstsubindexclosepre}%
519 }
```

\tstidxcsfmt

Display a control sequence.

```
520 \newcommand*{\tstidxcsfmt}[1]{\texttt{\char`\#1}}
```

\tstidxcs

Display and index a control sequence. The optional argument is the encap

```
521 \if@tstidx@use@encaps
```

```

522 \newcommand*{\tstidxcs}[2][tstidxencapi]{\@tstidxcs{#1}{#2}}
523 \else
524 \newcommand*{\tstidxcs}[2][ ]{\@tstidxcs{#1}{#2}}
525 \fi
526 \newcommand*{\@tstidxcs}[2]{\tstidxfmtpost{#2}{\tstidxcsfmt}{#1}}

```

`\tstidxopencs` As above but starts a range.

```

527 \if@tstidx@use@encaps
528 \newcommand*{\tstidxopencs}[2][tstidxencapi]{%
529 \tstidxfmtopenpost{#2}{\tstidxcsfmt}{#1}%
530 }
531 \else
532 \newcommand*{\tstidxopencs}[2][ ]{%
533 \tstidxfmtopenpost{#2}{\tstidxcsfmt}{#1}%
534 }
535 \fi

```

`tstidxclosecs` As above but ends a range.

```

536 \if@tstidx@use@encaps
537 \newcommand*{\tstidxclosecs}[2][tstidxencapi]{%
538 \tstidxfmtclosepost{#2}{\tstidxcsfmt}{#1}%
539 }
540 \else
541 \newcommand*{\tstidxclosecs}[2][ ]{%
542 \tstidxfmtclosepost{#2}{\tstidxcsfmt}{#1}%
543 }
544 \fi

```

`tstidxencapcsn` Display and index a control sequence name (without the initial backslash). The optional argument is the encap

```

545 \if@tstidx@use@encaps
546 \newcommand*{\tstidxencapcsn}[2][tstidxencapi]{%
547 \tstindexpost[#2 ( #2 )]%
548 {\texttt{#2} (\protect\tstidxcsfmt{#2})}[#2]{#1}{\texttt{#2}}%
549 \tstsubindexpost{encap}[#2]{\texttt{#2}}[encap.#2]{#1}{}%
550 }
551 \else
552 \newcommand*{\tstidxencapcsn}[2][ ]{%
553 \tstindexpost[#2 ( #2 )]%
554 {\texttt{#2} (\protect\tstidxcsfmt{#2})}[#2]{#1}{\texttt{#2}}%
555 \tstsubindexpost{encap}[#2]{\texttt{#2}}[encap.#2]{#1}{}%
556 }
557 \fi

```

`tstidxopencsn` As above but starts a range.

```

558 \if@tstidx@use@encaps
559 \newcommand*{\tstidxopencsn}[2][tstidxencapi]{%
560 \tstindexopenpost[#2 ( #2 )]%
561 {\texttt{#2} (\protect\tstidxcsfmt{#2})}{#1}{\texttt{#2}}%

```

```

562 }
563 \else
564 \newcommand*\tstidxopencsn}[2][ ]{%
565   \tstindexopenpost[#2 (#2)]%
566   {\texttt{#2} (\protect\tstidxcsfmt{#2})}{#1}{\texttt{#2}}%
567 }
568 \fi

```

`tstidxclosecsn` As above but ends a range.

```

569 \if@tstidx@use@encaps
570 \newcommand*\tstidxclosecsn}[2][tstidxencapi]{%
571   \tstindexclosepost[#2 (#2)]%
572   {\texttt{#2} (\protect\tstidxcsfmt{#2})}{#1}{\texttt{#2}}%
573 }
574 \else
575 \newcommand*\tstidxclosecsn}[2][ ]{%
576   \tstindexclosepost[#2 (#2)]%
577   {\texttt{#2} (\protect\tstidxcsfmt{#2})}{#1}{\texttt{#2}}%
578 }
579 \fi

```

`\tstidxenvfmt` Display an environment name.

```

580 \newcommand*\tstidxenvfmt}[1]{\texttt{#1}}

```

`\tstidxenv` Display and index an environment name.

```

581 \if@tstidx@use@encaps
582 \newcommand*\tstidxenv}[2][tstidxencapi]{%
583   \tstindexpost[#2 environment]%
584   {\protect\tstidxenvfmt{#2} environment}{#2environment}{#1}%
585   {\tstidxenvfmt{#2}}%
586 }
587 \else
588 \newcommand*\tstidxenv}[2][ ]{%
589   \tstindexpost[#2 environment]%
590   {\protect\tstidxenvfmt{#2} environment}{#2environment}{#1}%
591   {\tstidxenvfmt{#2}}%
592 }
593 \fi

```

`tstidxopenenv` As above but starts a range.

```

594 \if@tstidx@use@encaps
595 \newcommand*\tstidxopenenv}[2][tstidxencapi]{%
596   \tstindexopenpost[#2 environment]%
597   {\protect\tstidxenvfmt{#2} environment}{#1}%
598   {\tstidxenvfmt{#2}}%
599 }
600 \else
601 \newcommand*\tstidxopenenv}[2][ ]{%
602   \tstindexopenpost[#2 environment]%

```

```

603     {\protect\tstidxenvfmt{#2} environment}{#1}%
604     {\tstidxenvfmt{#2}}%
605   }
606 \fi

```

`\tstidxcloseenv` As above but ends a range.

```

607 \if@tstidx@use@encaps
608   \newcommand*{\tstidxcloseenv}[2][tstidxencapi]{%
609     \tstindexclosepost{#2 environment}%
610     {\protect\tstidxenvfmt{#2} environment}{#1}%
611     {\tstidxenvfmt{#2}}%
612   }
613 \else
614   \newcommand*{\tstidxcloseenv}[2][ ]{%
615     \tstindexclosepost{#2 environment}%
616     {\protect\tstidxenvfmt{#2} environment}{#1}%
617     {\tstidxenvfmt{#2}}%
618   }
619 \fi

```

`\tstidxappfmt` Display an application name.

```

620 \newcommand*{\tstidxappfmt}[1]{\texttt{#1}}

```

`\tstidxapp` Display and index an application name.

```

621 \if@tstidx@use@encaps
622   \newcommand*{\tstidxapp}[2][tstidxencapi]{%
623     \tstidxfmtpost{#2}{\tstidxappfmt}{#1}%
624     \tstsubindexpost{applications}[#2]{\protect\tstidxappfmt{#2}}{#1}{}%
625   }
626 \else
627   \newcommand*{\tstidxapp}[2][ ]{%
628     \tstidxfmtpost{#2}{\tstidxappfmt}{#1}%
629     \tstsubindexpost{applications}[#2]{\protect\tstidxappfmt{#2}}{#1}{}%
630   }
631 \fi

```

`\tstidxopenapp` As above but starts a range.

```

632 \if@tstidx@use@encaps
633   \newcommand*{\tstidxopenapp}[2][tstidxencapi]{%
634     \tstidxfmtopenpost{#2}{\tstidxappfmt}{#1}%
635     \tstsubindexopenpost{applications}[#2]{\protect\tstidxappfmt{#2}}{#1}{}%
636   }
637 \else
638   \newcommand*{\tstidxopenapp}[2][ ]{%
639     \tstidxfmtopenpost{#2}{\tstidxappfmt}{#1}%
640     \tstsubindexopenpost{applications}[#2]{\protect\tstidxappfmt{#2}}{#1}{}%
641   }
642 \fi

```

`stidxcloseapp` As above but ends a range.

```
643 \if@tstidx@use@encaps
644 \newcommand*{\tstidxcloseapp}[2][tstidxencapi]{%
645 \tstidxfmtclosepost{#2}{\tstidxappfmt}{#1}%
646 \tstsubindexclosepost{applications}[#2]{\protect\tstidxappfmt{#2}}{#1}{}%
647 }
648 \else
649 \newcommand*{\tstidxcloseapp}[2][]{%
650 \tstidxfmtclosepost{#2}{\tstidxappfmt}{#1}%
651 \tstsubindexclosepost{applications}[#2]{\protect\tstidxappfmt{#2}}{#1}{}%
652 }
653 \fi
```

`tidxappoptfmt` Display an application option.

```
654 \newcommand*{\tstidxappoptfmt}[1]{\texttt{#1}}
```

`\tstidxappopt` Display and index an application option.

```
655 \if@tstidx@use@encaps
656 \newcommand*{\tstidxappopt}[3][tstidxencapiiii]{%
657 \tstindexpost[#3 (#2)]%
658 {\protect\tstidxappoptfmt{#3} (\protect\tstidxappfmt{#2})}%
659 [#3.#2option]{#1}{\tstidxappoptfmt{#3}}%
660 \tstsubindexpost[#2]{\protect\tstidxappfmt{#2}}%
661 [#3]{\protect\tstidxappoptfmt{#3}}{#1}{}%
662 \tstsubsubindexpost{applications}[#2]{\protect\tstidxappfmt{#2}}%
663 [#3]{\protect\tstidxappoptfmt{#3}}{#1}{}%
664 }
665 \else
666 \newcommand*{\tstidxappopt}[3][]{%
667 \tstindexpost[#3 (#2)]%
668 {\protect\tstidxappoptfmt{#3} (\protect\tstidxappfmt{#2})}%
669 [#3.#2option]{#1}{\tstidxappoptfmt{#3}}%
670 \tstsubindexpost[#2]{\protect\tstidxappfmt{#2}}%
671 [#3]{\protect\tstidxappoptfmt{#3}}{#1}{}%
672 \tstsubsubindexpost{applications}[#2]{\protect\tstidxappfmt{#2}}%
673 [#3]{\protect\tstidxappoptfmt{#3}}{#1}{}%
674 }
675 \fi
```

`idxopenappopt` As above but start a range.

```
676 \if@tstidx@use@encaps
677 \newcommand*{\tstidxopenappopt}[3][tstidxencapiiii]{%
678 \tstsubindexopenpost[#2]{\protect\tstidxappfmt{#2}}%
679 [#3]{\protect\tstidxappoptfmt{#3}}{#1}{\tstidxappoptfmt{#3}}%
680 \tstsubsubindexopenpost{applications}[#2]%
681 {\protect\tstidxappfmt{#2}}%
682 [#3]{\protect\tstidxappoptfmt{#3}}{#1}{}%
683 }
684 \else
```

```

685 \newcommand*\tstidxopenappopt}[3][[]]{%
686   \tstsubindexopenpost[#2]{\protect\tstidxappfmt{#2}}%
687   [#3]{\protect\tstidxappoptfmt{#3}}{#1}{\tstidxappoptfmt{#3}}%
688   \tstsubsubindexopenpost{applications}[#2]%
689   {\protect\tstidxappfmt{#2}}%
690   [#3]{\protect\tstidxappoptfmt{#3}}{#1}{}%
691 }
692 \fi

```

`\dxcloseappopt` As above but end a range.

```

693 \if@tstidx@use@encaps
694 \newcommand*\tstidxcloseappopt}[3][tstidxencapiii]{%
695   \tstsubindexclosepost[#2]{\protect\tstidxappfmt{#2}}%
696   [#3]{\protect\tstidxappoptfmt{#3}}{#1}{\tstidxappoptfmt{#3}}%
697   \tstsubsubindexclosepost{applications}[#2]%
698   {\protect\tstidxappfmt{#2}}%
699   [#3]{\protect\tstidxappoptfmt{#3}}{#1}{}%
700 }
701 \else
702 \newcommand*\tstidxcloseappopt}[3][[]]{%
703   \tstsubindexclosepost[#2]{\protect\tstidxappfmt{#2}}%
704   [#3]{\protect\tstidxappoptfmt{#3}}{#1}{\tstidxappoptfmt{#3}}%
705   \tstsubsubindexclosepost{applications}[#2]%
706   {\protect\tstidxappfmt{#2}}%
707   [#3]{\protect\tstidxappoptfmt{#3}}{#1}{}%
708 }
709 \fi

```

`\tstidxstyfmt` Display a package name.

```
710 \newcommand*\tstidxstyfmt}[1]{\texttt{#1}}
```

`\stindexstysee` Cross-reference one package with another.

```

711 \newcommand*\tstindexstysee}[3]{%
712   \tstindexsee[#1package]{\protect\tstidxstyfmt{#1} package}{#2}%
713   [#3package]{\protect\tstidxstyfmt{#3}}%
714 }

```

`\tstidxsty` Display and index a package name.

```

715 \if@tstidx@use@encaps
716 \newcommand*\tstidxsty}[2][tstidxencapiii]{%
717   \tstindexpost[#2 package]%
718   {\protect\tstidxstyfmt{#2} package}[#2package]{#1}{\tstidxstyfmt{#2}}%
719   \tstsubindexpost{packages}[#2 package]%
720   {\protect\tstidxstyfmt{#2} package}[packages.#2package]{#1}{}%
721 }
722 \else
723 \newcommand*\tstidxsty}[2][[]]{%
724   \tstindexpost[#2 package]%
725   {\protect\tstidxstyfmt{#2} package}[#2package]{#1}{\tstidxstyfmt{#2}}%

```

```

726 \tstsubindexpost{packages}[#2 package]%
727 {\protect\tstidxstyfmt{#2} package}[packages.#2package]{#1}{}%
728 }
729 \fi

```

`tstidxopensty` As above but starts a range.

```

730 \if@tstidx@use@encaps
731 \newcommand*\tstidxopensty}[2][tstidxencapiii]{%
732 \tstindexopenpost[#2 package]{\protect\tstidxstyfmt{#2} package}[#2package]{#1}
733 {\tstidxstyfmt{#2}}%
734 \tstsubindexopenpost{packages}[#2 package]%
735 {\protect\tstidxstyfmt{#2} package}[packages.#2package]{#1}{}%
736 }
737 \else
738 \newcommand*\tstidxopensty}[2][tstidxencapiii]{%
739 \tstindexopenpost[#2 package]{\protect\tstidxstyfmt{#2} package}[#2package]{#1}
740 {\tstidxstyfmt{#2}}%
741 \tstsubindexopenpost{packages}[#2 package]%
742 {\protect\tstidxstyfmt{#2} package}[packages.#2package]{#1}{}%
743 }
744 \fi

```

`stidxclosesty` As above but ends a range.

```

745 \if@tstidx@use@encaps
746 \newcommand*\stidxclosesty}[2][tstidxencapiii]{%
747 \tstindexclosepost[#2 package]{\protect\tstidxstyfmt{#2} package}%
748 [#2package]{#1}%
749 {\tstidxstyfmt{#2}}%
750 \tstsubindexclosepost{packages}[#2 package]%
751 {\protect\tstidxstyfmt{#2} package}[packages.#2package]{#1}{}%
752 }
753 \else
754 \newcommand*\stidxclosesty}[2][tstidxencapiii]{%
755 \tstindexclosepost[#2 package]{\protect\tstidxstyfmt{#2} package}%
756 [#2package]{#1}%
757 {\tstidxstyfmt{#2}}%
758 \tstsubindexclosepost{packages}[#2 package]%
759 {\protect\tstidxstyfmt{#2} package}[packages.#2package]{#1}{}%
760 }
761 \fi

```

`tstidxstyoptfmt` Display a package option.

```

762 \newcommand*\tstidxstyoptfmt}[1]{\texttt{#1}}

```

`\tstidxstyopt` Display and index a package option.

```

763 \if@tstidx@use@encaps
764 \newcommand*\tstidxstyopt}[3][tstidxencapiii]{%
765 \tstsubindexpost[#2 package]{\protect\tstidxstyfmt{#2} package}%
766 [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{\tstidxstyoptfmt{#3}}%

```



```

767 \tstsubsubindexpost{packages}[#2 package]%
768   {\protect\tstidxstyfmt{#2} package}%
769   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{}%
770 }
771 \else
772 \newcommand*\tstidxstyopt}[3][]{%
773   \tstsubindexpost[#2 package]{\protect\tstidxstyfmt{#2} package}%
774   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{\tstidxstyoptfmt{#3}}%
775   \tstsubsubindexpost{packages}[#2 package]%
776   {\protect\tstidxstyfmt{#2} package}%
777   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{}%
778 }
779 \fi

```

`idxopenstyopt` As above but start a range.

```

780 \if@tstidx@use@encaps
781 \newcommand*\tstidxopenstyopt}[3][tstidxencapiii]{%
782   \tstsubindexopenpost[#2 package]{\protect\tstidxstyfmt{#2} package}%
783   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{\tstidxstyoptfmt{#3}}%
784   \tstsubsubindexopenpost{packages}[#2 package]%
785   {\protect\tstidxstyfmt{#2} package}%
786   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{}%
787 }
788 \else
789 \newcommand*\tstidxopenstyopt}[3][]{%
790   \tstsubindexopenpost[#2 package]{\protect\tstidxstyfmt{#2} package}%
791   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{\tstidxstyoptfmt{#3}}%
792   \tstsubsubindexopenpost{packages}[#2 package]%
793   {\protect\tstidxstyfmt{#2} package}%
794   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{}%
795 }
796 \fi

```

`idxclosestyopt` As above but end a range.

```

797 \if@tstidx@use@encaps
798 \newcommand*\tstidxclosestyopt}[3][tstidxencapiii]{%
799   \tstsubindexclosepost[#2 package]{\protect\tstidxstyfmt{#2} pack-
800   age}%
801   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{\tstidxstyoptfmt{#3}}%
802   \tstsubsubindexclosepost{packages}[#2 package]%
803   {\protect\tstidxstyfmt{#2} package}%
804   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{}%
805 }
806 \else
807 \newcommand*\tstidxclosestyopt}[3][]{%
808   \tstsubindexclosepost[#2 package]{\protect\tstidxstyfmt{#2} pack-
809   age}%
810   [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{\tstidxstyoptfmt{#3}}%
811   \tstsubsubindexclosepost{packages}[#2 package]%

```

```

810     {\protect\tstidxstyfmt{#2} package}%
811     [#3]{\protect\tstidxstyoptfmt{#3}}{#1}{}%
812   }
813 \fi

```

`\tstidxword` **Display and index a word.**

```

814 \newcommand*{\tstidxword}[2][ ]{%
815   \tstindexpost{#2}{#1}{#2}%
816 }

```

`\tstidxwordpl` **Display the plural and index the singular. This just appends “s” for convenience. The testidx-glossaries package uses `\glspl` instead.**

```

817 \newcommand*{\tstidxwordpl}[1][ ]{\@tstidxwordpl{#1}}
818 \newcommand*{\@tstidxwordpl}[2]{\tstidxword[#1]{#2}s}

```

`\tstidxopenword` **As above but starts a range.**

```

819 \newcommand*{\tstidxopenword}[2][ ]{%
820   \tstindexopenpost{#2}{#1}{#2}%
821 }

```

`\tstidxcloseword` **As above but ends a range.**

```

822 \newcommand*{\tstidxcloseword}[2][ ]{%
823   \tstindexclosepost{#2}{#1}{#2}%
824 }

```

`\tstidxsubword` `\tstidxsubword[<encap>]{<main-entry>}{<word>}`

Display and index a word as a sub-entry.

```

825 \newcommand*{\tstidxsubword}[3][ ]{%
826   \tstsubindexpost{#2}{#3}{#1}{#3}%
827 }

```

`\tstidxnumber` **Display and index a word.**

```

828 \if@tstidx@use@encaps
829   \newcommand*{\tstidxnumber}[2][tstidxencapiii]{%
830     \tstindexpost{#2}{#1}{#2}%
831   }
832 \else
833   \newcommand*{\tstidxnumber}[2][ ]{%
834     \tstindexpost{#2}{#1}{#2}%
835   }
836 \fi

```

`\tstidxphrase` **Display and index a phrase.**

```

837 \newcommand*{\tstidxphrase}[2][ ]{%
838   \tstindexpre{#2}{#1}{#2}%
839 }

```

`stidxphrasepl` Display the plural and index the singular of a phrase. This just appends “s” for convenience. The `testidx-glossaries` package uses `\glspl` instead.

```
840 \newcommand*{\tstidxphrasepl}[1][\@tstidxphrasepl{#1}]
841 \newcommand*{\@tstidxphrasepl}[2]{\tstidxphrase{#1}{#2}s}
```

`idxopenphrase` As above but starts a range.

```
842 \newcommand*{\tstidxopenphrase}[2][\@tstidxopenphrase{#1}{#2}]
843 \tstindexopenpre{#2}{#1}{#2}%
844 }
```

`idxclosephrase` As above but ends a range.

```
845 \newcommand*{\tstidxclosephrase}[2][\@tstidxclosephrase{#1}{#2}]
846 \tstindexclosepre{#2}{#1}{#2}%
847 }
```

`stidxartphrase` `\tstidxartphrase[{encap}]{{article}}{{remainder}}`

Display and index a phrase that starts with (in)definite article.

```
848 \newcommand*{\tstidxartphrase}[3][\@tstidxartphrase{#1}{#2}{#3}]
849 \tstindexpost{#3, #2}[#3]{#1}{#2 #3}%
850 }
```

`openartphrase` As above but starts a range.

```
851 \newcommand*{\tstidxopenartphrase}[3][\@tstidxopenartphrase{#1}{#2}{#3}]
852 \tstindexopenpost{#3, #2}[#3]{#1}{#2 #3}%
853 }
```

`closeartphrase` As above but ends a range.

```
854 \newcommand*{\tstidxcloseartphrase}[3][\@tstidxcloseartphrase{#1}{#2}{#3}]
855 \tstindexclosepost{#3, #2}[#3]{#1}{#2 #3}%
856 }
```

`\tstidxperson` Display and index a person’s name.

```
857 \newcommand*{\tstidxperson}[3][\@tstidxperson{#1}{#2}{#3}]
858 \tstidxutfperson[#1]{#2}{#3}{#2}{#3}%
859 }
```

`idxopenperson` As above but starts a range.

```
860 \newcommand*{\tstidxopenperson}[3][\@tstidxopenperson{#1}{#2}{#3}]
861 \tstidxutfopenperson[#1]{#2}{#3}{#2}{#3}%
862 }
```

`idxcloseperson` As above but ends a range.

```
863 \newcommand*{\tstidxcloseperson}[3][\@tstidxcloseperson{#1}{#2}{#3}]
864 \tstidxutfcloseperson[#1]{#2}{#3}{#2}{#3}%
865 }
```

stidxutfperson

```
\tstidxutfperson[{encap}]{{ascii forename}}{{ascii surname}}  
[{label}]{{utf8 forname}}utf8 surname
```

Display and index a person's name with UTF-8 characters.

```
866 \newcommand*{\tstidxutfperson}[3][ ]{%  
867   \@ifnextchar[{\@tstidxutfperson{#1}{#2}{#3}}%  
868   {\@tstidxutfperson{#1}{#2}{#3}[#2#3]}%  
869 }  
870 \def\@tstidxutfperson#1#2#3[#4]#5#6{%  
871   \@tstidx@ifutfviii  
872   {%  
873     \tstidxutfpost[#5 #6]{#3, #2}[#4]{#6, #5}{#1}%  
874   }%  
875   {%  
876     \tstidxutfpost[#2 #3]{#3, #2}[#4]{#6, #5}{#1}%  
877   }%  
878   \tstidxutfsubpost[\relax]{people}{people}{#3, #2}[people.#4]{#6, #5}{#1}%  
879 }
```

openutfperson

As above but starts a range.

```
880 \newcommand*{\tstidxutfopenperson}[3][ ]{%  
881   \@ifnextchar[{\@tstidxutfopenperson{#1}{#2}{#3}}%  
882   {\@tstidxutfopenperson{#1}{#2}{#3}[#2#3]}%  
883 }  
884 \def\@tstidxutfopenperson#1#2#3[#4]#5#6{%  
885   \@tstidx@ifutfviii  
886   {%  
887     \tstidxutfopenpost[#5 #6]{#3, #2}[#4]{#6, #5}{#1}%  
888   }%  
889   {%  
890     \tstidxutfopenpost[#2 #3]{#3, #2}[#4]{#6, #5}{#1}%  
891   }%  
892 }
```

closeutfperson

As above but ends a range.

```
893 \newcommand*{\tstidxutfcloseperson}[3][ ]{%  
894   \@ifnextchar[{\@tstidxutfcloseperson{#1}{#2}{#3}}%  
895   {\@tstidxutfcloseperson{#1}{#2}{#3}[#2#3]}%  
896 }  
897 \def\@tstidxutfcloseperson#1#2#3[#4]#5#6{%  
898   \@tstidx@ifutfviii  
899   {%  
900     \tstidxutfclosepost[#5 #6]{#3, #2}[#4]{#6, #5}{#1}%  
901   }%  
902   {%  
903     \tstidxutfclosepost[#2 #3]{#3, #2}[#4]{#6, #5}{#1}%  
904   }%  
905 }
```

`\tstidxsym` `\tstidxsym[⟨encap⟩]{⟨sort⟩}[⟨label⟩]{⟨indexed symbol⟩}`

Display and index a symbol.

```
906 \newcommand*{\tstidxsym}[2][ ]{%
907   \@ifnextchar[{\@tstidxsym{#1}{#2}}{\@tstidxsym{#1}{#2}[#2]}%
908 }
909 \def\@tstidxsym#1#2[#3]#4{%
910   \tstindexpost[#2]{\protect#4}[#3]{#1}{#4}%
911 }
```

`\tstidxopensym` `\tstidxopensym[⟨encap⟩]{⟨sort⟩}[⟨label⟩]{⟨indexed symbol⟩}`

As above but starts a range.

```
912 \newcommand*{\tstidxopensym}[2][ ]{%
913   \@ifnextchar[{\@tstidxopensym{#1}{#2}}{\@tstidxopensym{#1}{#2}[ ]}%
914 }
915 \def\@tstidxopensym#1#2[#3]#4{%
916   \tstindexopenpost[#2]{\protect#4}[#3]{#1}{#4}%
917 }
```

`\tstidxclosesym` `\tstidxclosesym[⟨encap⟩]{⟨sort⟩}[⟨label⟩]{⟨indexed symbol⟩}`

As above but ends a range.

```
918 \newcommand*{\tstidxclosesym}[2][ ]{%
919   \@ifnextchar[{\@tstidxclosesym{#1}{#2}}{\@tstidxclosesym{#1}{#2}[ ]}%
920 }
921 \def\@tstidxclosesym#1#2[#3]#4{%
922   \tstindexclosepost[#2]{\protect#4}[#3]{#1}{#4}%
923 }
```

`\dxindexmarker`

```
924 \newcommand{\tstidxindexmarker}[1]{%
925   \iftestidxprefix
926     \expandafter\tstidxsym\expandafter
927     {\tstidxindexmarkerprefix#1}[#1]{\csname#1\endcsname
928     \protect\space (\protect\tstidxcsfmt{#1})}%
929   \else
930     \tstidxsym{#1}[#1]{\csname#1\endcsname
931     \protect\space (\protect\tstidxcsfmt{#1})}%
932   \fi
933 }
```

`\xmarkerprefix`

```
934 \newcommand*{\tstidxindexmarkerprefix}{<}
```

```
\tstidxmath \tstidxmath[⟨encap⟩]{⟨sort⟩}[⟨label⟩]{⟨entry⟩}
```

Display and index something in maths-mode.

```
935 \if@tstidx@use@encaps
936 \newcommand*{\tstidxmath}[2][tstidxencapii]{%
937 \@ifnextchar[{\@tstidxmath{#1}{#2}}{\@tstidxmath{#1}{#2}[#2]}%
938 }
939 \else
940 \newcommand*{\tstidxmath}[2][]{%
941 \@ifnextchar[{\@tstidxmath{#1}{#2}}{\@tstidxmath{#1}{#2}[#2]}%
942 }
943 \fi
944 \def\@tstidxmath#1#2[#3]#4{%
945 \tstindexpre[#2]{$#4$}[#3]{#1}{#4}%
946 }
```

```
\tstidxmathsym \tstidxmathsym[⟨encap⟩]{⟨sort⟩}[⟨label⟩]{⟨entry⟩}
```

Inserts a prefix before *⟨sort⟩*.

```
947 \if@tstidx@use@encaps
948 \newcommand*{\tstidxmathsym}[2][tstidxencapii]{%
949 \@ifnextchar[{\@tstidxmathsym{#1}{#2}}{\@tstidxmathsym{#1}{#2}[#2]}%
950 }
951 \else
952 \newcommand*{\tstidxmathsym}[2][]{%
953 \@ifnextchar[{\@tstidxmathsym{#1}{#2}}{\@tstidxmathsym{#1}{#2}[#2]}%
954 }
955 \fi
956 \def\@tstidxmathsym#1#2[#3]#4{%
957 \iftstidxprefix
958 \expandafter\tstindexpre\expandafter
959 [\tstidxmathsymprefix#2]{$#4$}[#3]{#1}{#4}%
960 \else
961 \tstindexpre[#2]{$#4$}[#3]{#1}{#4}%
962 \fi
963 }
```

```
mathsymprefix
```

```
964 \newcommand*{\tstidxmathsymprefix}{>}
```

```
\tstidxutfword \tstidxutfword[⟨encap⟩]{⟨ascii⟩}[⟨label⟩]{⟨utf8⟩}
```

Display and index a word with UTF-8 characters. The *⟨label⟩* is needed for testidx-glossaries.

```
965 \newcommand*{\tstidxutfword}[2][]{%
966 \@ifnextchar[{\@tstidxutfword{#1}{#2}}{\@tstidxutfword{#1}{#2}[#2]}%
967 }
```

tstidxutfword

```
968 \def\@tstidxutfword#1#2[#3]#4{%
969   \tstidxutfpost{#2}[#3]{#4}{#1}%
970 }
```

\tstidxgphword

```
\tstidxutfword[encap]{ascii}{label}{utf8}{utf8 with
digraph}
```

Display and index a word with UTF-8 characters with alternative form that uses a glyph for the digraph.

```
971 \newcommand*\tstidxgphword[2][ ]{%
972   \@ifnextchar[{\@tstidxgphword{#1}{#2}}{\@tstidxgphword{#1}{#2}[#2]}%
973 }
974 \def\@tstidxgphword#1#2[#3]#4#5{%
975   \iftestidxdiglyphs
976     \tstidxutfpost{#2}[#3]{#5}{#1}%
977   \else
978     \tstidxutfpost{#2}[#3]{#4}{#1}%
979   \fi
980 }
```

\tstidxopenutf

```
\tstidxopenutf[encap]{sort}{ascii}{utf8}
```

As above but starts a range.

```
981 \newcommand*\tstidxopenutf[4][ ]{%
982   \tstidxutfopenpost{#2}{#3}{#1}%
983 }
```

tstidxcloseutf

```
\tstidxcloseutf[encap]{sort}{ascii}{utf8}
```

As above but ends a range.

```
984 \newcommand*\tstidxcloseutf[4][ ]{%
985   \tstidxutfclosepost{#2}{#3}{#1}%
986 }
```

tstidxutfphrase

```
\tstidxutfphrase[encap]{ascii}[label]{utf8}
```

Display and index a phrase with UTF-8 characters.

```
987 \newcommand*\tstidxutfphrase[2][ ]{%
988   \@ifnextchar[{\@tstidxutfphrase{#1}{#2}}{\@tstidxutfphrase{#1}{#2}[#2]}%
989 }
990 \def\@tstidxutfphrase#1#2[#3]#4{%
991   \tstidxutfpre{#2}[#3]{#4}{#1}%

```

992 }

xopenutfphrase `\tstidxopenutfphrase [encap] [ascii]{utf8}`

As above but starts a range.

```
993 \newcommand*{\tstidxopenutfphrase}[3][ ]{%
994   \tstidxutfopenpre{#2}{#3}{#1}%
995 }
```

closeutfphrase `\tstidxcloseutf [encap] [ascii]{utf8}`

As above but ends a range.

```
996 \newcommand*{\tstidxcloseutfphrase}[3][ ]{%
997   \tstidxutfclosepre{#2}{#3}{#1}%
998 }
```

\tstidxplace **Display and index a place name.**

```
999 \newcommand*{\tstidxplace}[2][ ]{%
1000   \tstidxutfplace{#1}{#2}{#2}%
1001 }
```

tstidxutfplace `\tstidxutfplace [encap] [ascii] [label]{utf8}`

Display and index a word with UTF-8 characters.

```
1002 \newcommand*{\tstidxutfplace}[2][ ]{%
1003   \@ifnextchar[{\@tstidxutfplace{#1}{#2}}{\@tstidxutfplace{#1}{#2}[#2]}%
1004 }
1005 \def\@tstidxutfplace#1#2[#3]#4{%
1006   \tstidxutfpost{#2}[#3]{#4}{#1}%
1007   \tstidxutfsubpost[\relax]{places}{places}{#2}[places.#3]{#4}{#1}%
1008 }
```

tstidxartplace **Display and index a place name that starts with an article.**

```
1009 \newcommand*{\tstidxartplace}[3][ ]{%
1010   \tstindexpost{#3, #2}[#3]{#1}{#2 #3}%
1011   \tstidxutfsubpost[\relax]{places}{places}{#3, #2}[places.#3]{#3, #2}{#1}%
1012 }
```

tstidxbookfmt **Display an book title.**

```
1013 \newcommand*{\tstidxbookfmt}[1]{\emph{#1}}
```

\tstidxbook **Display and index a book title.**

```
1014 \if@tstidx@use@encaps
1015   \newcommand*{\tstidxbook}[2][tstidxencapii]{%
```



```

1016     \tstindexpost [#2] {\protect\tstidxbookfmt{#2}}[#2]{#1}{\tstidxbookfmt{#2}}%
1017     \tstsubindexpost{books} [#2] {\protect\tstidxbookfmt{#2}}{#1}{}%
1018   }
1019 \else
1020   \newcommand*\tstidxbook}[2][ ]{%
1021     \tstindexpost [#2] {\protect\tstidxbookfmt{#2}}[#2]{#1}{\tstidxbookfmt{#2}}%
1022     \tstsubindexpost{books} [#2] {\protect\tstidxbookfmt{#2}}{#1}{}%
1023   }
1024 \fi

```

`stidxopenbook` As above but starts a range.

```

1025 \if@tstidx@use@encaps
1026   \newcommand*\tstidxopenbook}[2][tstidxencapii]{%
1027     \tstindexopenpost [#2] {\protect\tstidxbookfmt{#2}}{#1}{\tstidxbookfmt{#2}}%
1028     \tstsubindexopenpost{books} [#2] {\protect\tstidxbookfmt{#2}}{#1}{}%
1029   }
1030 \else
1031   \newcommand*\tstidxopenbook}[2][ ]{%
1032     \tstindexopenpost [#2] {\protect\tstidxbookfmt{#2}}{#1}{\tstidxbookfmt{#2}}%
1033     \tstsubindexopenpost{books} [#2] {\protect\tstidxbookfmt{#2}}{#1}{}%
1034   }
1035 \fi

```

`tidxclosebook` As above but ends a range.

```

1036 \if@tstidx@use@encaps
1037   \newcommand*\tstidxclosebook}[2][tstidxencapii]{%
1038     \tstindexclosepost [#2] {\protect\tstidxbookfmt{#2}}{#1}{\tstidxbookfmt{#2}}%
1039     \tstsubindexclosepost{books} [#2] {\protect\tstidxbookfmt{#2}}{#1}{}%
1040   }
1041 \else
1042   \newcommand*\tstidxclosebook}[2][ ]{%
1043     \tstindexclosepost [#2] {\protect\tstidxbookfmt{#2}}{#1}{\tstidxbookfmt{#2}}%
1044     \tstsubindexclosepost{books} [#2] {\protect\tstidxbookfmt{#2}}{#1}{}%
1045   }
1046 \fi

```

`\tstidxartbook` `\tstidxartbook[<encap>]{<article>}{<remainder>}`

Display and index a book title that starts with (in)definite article.

```

1047 \if@tstidx@use@encaps
1048   \newcommand*\tstidxartbook}[3][tstidxencapii]{%
1049     \tstindexpost [#3, #2] {\protect\tstidxbookfmt{#3, #2}}[#3]{#1}{\tstidx-
1050       bookfmt{#2 #3}}%
1051     \tstsubindexpost{books} [#3, #2] {\protect\tstidxbookfmt{#3, #2}}[books.#3]{#1}{%
1052   }
1053 \else
1054   \newcommand*\tstidxartbook}[3][ ]{%

```

```

1054 \tstindexpost[#3, #2]{\protect\tstidxbookfmt{#3, #2}}[#3]{#1}{\tstidx-
bookfmt{#2 #3}}%
1055 \tstsubindexpost{books}[#3, #2]{\protect\tstidxbookfmt{#3,
1056 #2}}[books.#3]{#1}{}%
1057 }
1058 \fi

```

`dxopenartbook` As above but starts a range.

```

1059 \if@tstidx@use@encaps
1060 \newcommand*\tstidxopenartbook}[3][tstidxencapii]{%
1061 \tstindexopenpost[#3, #2]{\protect\tstidxbookfmt{#3, #2}}{#1}%
1062 {\tstidxbookfmt{#2 #3}}%
1063 \tstsubindexopenpost{books}[#3, #2]{\protect\tstidxbookfmt{#3, #2}}[books.#3]{#
1064 }
1065 \else
1066 \newcommand*\tstidxopenartbook}[3][]{%
1067 \tstindexopenpost[#3, #2]{\protect\tstidxbookfmt{#3, #2}}{#1}%
1068 {\tstidxbookfmt{#2 #3}}%
1069 \tstsubindexopenpost{books}[#3, #2]{\protect\tstidxbookfmt{#3, #2}}[books.#3]{#
1070 }
1071 \fi

```

`xcloseartbook` As above but ends a range.

```

1072 \if@tstidx@use@encaps
1073 \newcommand*\tstidxcloseartbook}[3][tstidxencapii]{%
1074 \tstindexclosepost[#3, #2]{\protect\tstidxbookfmt{#3, #2}}{#1}%
1075 {\tstidxbookfmt{#2 #3}}%
1076 \tstsubindexclosepost{books}[#3, #2]{\protect\tstidxbookfmt{#3, #2}}[books.#3]{#
1077 }
1078 \else
1079 \newcommand*\tstidxcloseartbook}[3][]{%
1080 \tstindexclosepost[#3, #2]{\protect\tstidxbookfmt{#3, #2}}{#1}%
1081 {\tstidxbookfmt{#2 #3}}%
1082 \tstsubindexclosepost{books}[#3, #2]{\protect\tstidxbookfmt{#3, #2}}[books.#3]{#
1083 }
1084 \fi

```

`tstidxfilmfmt` Display an film title.

```

1085 \newcommand*\tstidxfilmfmt}[1]{\emph{#1}}

```

`\tstidxfilm` Display and index a film title.

```

1086 \if@tstidx@use@encaps
1087 \newcommand*\tstidxfilm}[2][tstidxencapii]{%
1088 \tstindexpost[#2]{\protect\tstidxfilmfmt{#2}}{#1}{\tstidxfilmfmt{#2}}%
1089 \tstsubindexpost{films}[#2]{\protect\tstidxfilmfmt{#2}}{#1}{}%
1090 }
1091 \else
1092 \newcommand*\tstidxfilm}[2][]{%
1093 \tstindexpost[#2]{\protect\tstidxfilmfmt{#2}}{#1}{\tstidxfilmfmt{#2}}%

```

```

1094 \tstsubindexpost{films}[#2]{\protect\tstidxfilmfmt{#2}}{#1}{}%
1095 }
1096 \fi

```

`stidxopenfilm` As above but starts a range.

```

1097 \if@tstidx@use@encaps
1098 \newcommand*\tstidxopenfilm}[2][tstidxencapii]{%
1099 \tstindexopenpost[#2]{\protect\tstidxfilmfmt{#2}}{#1}{\tstidxfilmfmt{#2}}%
1100 \tstsubindexopenpost{films}[#2]{\protect\tstidxfilmfmt{#2}}{#1}{}%
1101 }
1102 \else
1103 \newcommand*\tstidxopenfilm}[2][]{%
1104 \tstindexopenpost[#2]{\protect\tstidxfilmfmt{#2}}{#1}{\tstidxfilmfmt{#2}}%
1105 \tstsubindexopenpost{films}[#2]{\protect\tstidxfilmfmt{#2}}{#1}{}%
1106 }
1107 \fi

```

`tidxclosefilm` As above but ends a range.

```

1108 \if@tstidx@use@encaps
1109 \newcommand*\tstidxclosefilm}[2][tstidxencapii]{%
1110 \tstindexclosepost[#2]{\protect\tstidxfilmfmt{#2}}{#1}{\tstidxfilmfmt{#2}}%
1111 \tstsubindexclosepost{films}[#2]{\protect\tstidxfilmfmt{#2}}{#1}{}%
1112 }
1113 \else
1114 \newcommand*\tstidxclosefilm}[2][]{%
1115 \tstindexclosepost[#2]{\protect\tstidxfilmfmt{#2}}{#1}{\tstidxfilmfmt{#2}}%
1116 \tstsubindexclosepost{films}[#2]{\protect\tstidxfilmfmt{#2}}{#1}{}%
1117 }
1118 \fi

```

`tstidxartfilm` As above but the title starts with an article.

```

1119 \if@tstidx@use@encaps
1120 \newcommand*\tstidxartfilm}[3][tstidxencapii]{%
1121 \tstindexpost[#3, #2]{\protect\tstidxfilmfmt{#3, #2}}[#3]{#1}%
1122 {\tstidxfilmfmt{#2 #3}}%
1123 \tstsubindexpost{films}[#3, #2]{\protect\tstidxfilmfmt{#3,
1124 #2}}[films.#3]{#1}{}%
1125 }
1126 \else
1127 \newcommand*\tstidxartfilm}[3][]{%
1128 \tstindexpost[#3, #2]{\protect\tstidxfilmfmt{#3, #2}}[#3]{#1}%
1129 {\tstidxfilmfmt{#2 #3}}%
1130 \tstsubindexpost{films}[#3, #2]{\protect\tstidxfilmfmt{#3, #2}}[films.#3]{#1}{%
1131 }
1132 \fi

```

6 Generic Indexing Test Commands

6.1 Top-Level Entries

The `\expandafter` stuff here is done to help simulate the user directly using `\index`.

```
\tstindexpost \tstindexpost [<sort>] <term> [<label>] <encap> <display>
```

```
1133 \newcommand*\tstindexpost}[2][\%
1134 \@ifnextchar[{\@tstindexpost{#1}{#2}}{\@tstindexpost{#1}{#2}[]}]%
1135 }%
1136 \def\@tstindexpost#1#2[#3]#4#5{%
1137 \def\@tstidx@sort{#1}%
1138 \def\@tstidx@encap{#4}%
1139 \ifx\@tstidx@sort\@empty
1140 \def\@tstidx@entry{#2}%
1141 \else
1142 \toks@{#1}%
1143 \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1144 \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1145 \fi
1146 \ifx\@tstidx@encap\@empty
1147 \iftestidxshowmarks
1148 \tstidxtext{#5\tstidxmarker}%
1149 \else
1150 #5%
1151 \fi
1152 \else
1153 \iftestidxshowmarks
1154 \tstidxtext{\tstidxencapttext{#4}{#5\tstidxmarker}}%
1155 \else
1156 #5%
1157 \fi
1158 \expandafter\toks@\expandafter{\@tstidx@entry}%
1159 \edef\@tstidx@entry{\the\toks@\tstidxencap#4}%
1160 \fi
1161 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1162 }
```

`\indexopenpost` As previous but starts a range.

```
1163 \newcommand*\tstindexopenpost}[2][\%
1164 \@ifnextchar[{\@tstindexopenpost{#1}{#2}}{\@tstindexopenpost{#1}{#2}[]}]%
1165 \def\@tstindexopenpost#1#2[#3]#4#5{%
1166 \def\@tstidx@sort{#1}%
1167 \def\@tstidx@encap{#4}%
1168 \ifx\@tstidx@sort\@empty
1169 \def\@tstidx@entry{#2}%
1170 \else
```

```

1171 \toks@{#1}%
1172 \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1173 \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1174 \fi
1175 \ifx\@tstidx@encap\@empty
1176 \iftestidxshowmarks
1177 \tstidxtext{#5\tstidxopenmarker}%
1178 \else
1179 #5%
1180 \fi
1181 \expandafter\toks@\expandafter{\@tstidx@entry}%
1182 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange}%
1183 \else
1184 \iftestidxshowmarks
1185 \tstidxtext{\tstidxencapttext{#4}{#5\tstidxopenmarker}}%
1186 \else
1187 #5%
1188 \fi
1189 \expandafter\toks@\expandafter{\@tstidx@entry}%
1190 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange#4}%
1191 \fi
1192 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1193 }

```

ndexclosepost **As previous but ends a range.**

```

1194 \newcommand*{\tstindexclosepost}[2][[]]{%
1195 \@ifnextchar[\@tstindexclosepost{#1}{#2}){\@tstindexclosepost{#1}{#2}[]]}%
1196 \def\@tstindexclosepost#1#2[#3]#4#5{%
1197 \def\@tstidx@sort{#1}%
1198 \def\@tstidx@encap{#4}%
1199 \ifx\@tstidx@sort\@empty
1200 \def\@tstidx@entry{#2}%
1201 \else
1202 \toks@{#1}%
1203 \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1204 \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1205 \fi
1206 \ifx\@tstidx@encap\@empty
1207 \iftestidxshowmarks
1208 \tstidxtext{#5\tstidxclosemarker}%
1209 \else
1210 #5%
1211 \fi
1212 \expandafter\toks@\expandafter{\@tstidx@entry}%
1213 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange}%
1214 \else
1215 \iftestidxshowmarks
1216 \tstidxtext{\tstidxencapttext{#4}{#5\tstidxclosemarker}}%
1217 \else

```

```

1218     #5%
1219     \fi
1220     \expandafter\toks@\expandafter{\@tstidx@entry}%
1221     \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange#4}%
1222     \fi
1223     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1224 }

```

\tstindexpre `\tstindexpre [<sort>]{<term>}[<label>]{<encap>}{<display>}`

```

1225 \newcommand*\tstindexpre[2][ ]{%
1226   \@ifnextchar[{\@tstindexpre{#1}{#2}}{\@tstindexpre{#1}{#2}[]}%
1227 \def\@tstindexpre#1#2[#3]#4#5{%
1228   \def\@tstidx@sort{#1}%
1229   \def\@tstidx@encap{#4}%
1230   \ifx\@tstidx@sort\@empty
1231     \def\@tstidx@entry{#2}%
1232   \else
1233     \toks@{#1}%
1234     \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1235     \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1236     \fi
1237     \ifx\@tstidx@encap\@empty
1238       \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1239       \iftstidxshowmarks
1240         \tstidxtext{\tstidxmarker#5}%
1241       \else
1242         #5%
1243       \fi
1244     \else
1245       \expandafter\toks@\expandafter{\@tstidx@entry}%
1246       \edef\@tstidx@entry{\the\toks@\tstidxencap#4}%
1247       \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1248       \iftstidxshowmarks
1249         \tstidxtext{\tstidxencapttext{#4}{\tstidxmarker#5}}%
1250       \else
1251         #5%
1252       \fi
1253     \fi
1254 }

```

tindexopenpre As previous but starts a range.

```

1255 \newcommand*\tstindexopenpre[2][ ]{%
1256   \@ifnextchar[{\@tstindexopenpre{#1}{#2}}{\@tstindexopenpre{#1}{#2}[]}%
1257 \def\@tstindexopenpre#1#2[#3]#4#5{%
1258   \def\@tstidx@sort{#1}%
1259   \def\@tstidx@encap{#4}%
1260   \ifx\@tstidx@sort\@empty

```

```

1261 \def\@tstidx@entry{#2}%
1262 \else
1263 \toks@{#1}%
1264 \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1265 \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1266 \fi
1267 \ifx\@tstidx@encap\@empty
1268 \expandafter\toks@\expandafter{\@tstidx@entry}%
1269 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange}%
1270 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1271 \iftestidxshowmarks
1272 \tstidxtext{\tstidxopenmarker#5}%
1273 \else
1274 #5%
1275 \fi
1276 \else
1277 \expandafter\toks@\expandafter{\@tstidx@entry}%
1278 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange#4}%
1279 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1280 \iftestidxshowmarks
1281 \tstidxtext{\tstidxencapttext{#4}{\tstidxopenmarker#5}}%
1282 \else
1283 #5%
1284 \fi
1285 \fi
1286 }

```

indexclosepre **As previous but ends a range.**

```

1287 \newcommand*{\tstindexclosepre}[2][[]]{%
1288 \@ifnextchar[{\@tstindexclosepre{#1}{#2}}{\@tstindexclosepre{#1}{#2}[]}]%
1289 \def\@tstindexclosepre#1#2[#3]#4#5{%
1290 \def\@tstidx@sort{#1}%
1291 \def\@tstidx@encap{#4}%
1292 \ifx\@tstidx@sort\@empty
1293 \def\@tstidx@entry{#2}%
1294 \else
1295 \toks@{#1}%
1296 \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1297 \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1298 \fi
1299 \ifx\@tstidx@encap\@empty
1300 \expandafter\toks@\expandafter{\@tstidx@entry}%
1301 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange}%
1302 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1303 \iftestidxshowmarks
1304 \tstidxtext{\tstidxclosemarker#5}%
1305 \else
1306 #5%
1307 \fi

```

```

1308 \else
1309 \expandafter\toks@\expandafter{\@tstidx@entry}%
1310 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange#4}%
1311 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1312 \iftstidxshowmarks
1313 \tstidxtext{\tstidxencapttext{#4}{\tstidxclosemarker#5}}%
1314 \else
1315 #5%
1316 \fi
1317 \fi
1318 }

```

`stidxseeencap` Allow customization of cross-reference encaps.

```

1319 \newcommand*{\@tstidxseeencap}[1]{%
1320 \@ifundefined{tstidx@#1@encapname}{#1}{\csname tstidx@#1@encapname\endcsname}%
1321 }

```

`dxSetSeeEncap`

```

1322 \newcommand*{\tstidxSetSeeEncap}[1]{%
1323 \@namedef{tstidx@see@encapname}{#1}%
1324 }

```

`tSeeAlsoEncap`

```

1325 \newcommand*{\tstidxSetSeeAlsoEncap}[1]{%
1326 \@namedef{tstidx@seealso@encapname}{#1}%
1327 }

```

`\tstindexsee`
`\tstindexsee [<sort>] [<term>] [<label>] [<see cs>] [<xr-labels>] [<cross-reference>]`

```

1328 \newcommand*{\tstindexsee}[2][[]]{%
1329 \@ifnextchar[{\@tstindex@see{#1}{#2}}{\@tstindex@see{#1}{#2}[]}]%
1330 \def\@tstindex@see#1#2[#3]#4{%
1331 \@ifnextchar[{\@tstindexsee{#1}{#2}{#3}{#4}}{\@tstindexsee{#1}{#2}{#3}{#4}[]}]%
1332 \def\@tstindexsee#1#2#3#4[#5]#6{%
1333 \def\@tstidx@sort{#1}%
1334 \def\@tstidx@entry{#2}%
1335 \ifx\@tstidx@sort\@empty
1336 \@tstidx@ifutfviii
1337 {%
1338 \tstidxprocessutf{\@tstidx@entry}{#2}%
1339 }%
1340 {%
1341 \def\@tstidx@sort{#2}%
1342 \tstidxprocessasciisort{\@tstidx@sort}{#2}%
1343 \ifx\@tstidx@sort\@tstidx@entry
1344 \else

```



```

1345     \expandafter\toks@\expandafter{\@tstidx@sort}%
1346     \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1347     \expandafter\def\expandafter\@tstidx@entry\expandafter
1348         {\@tstidx@entry#2}%
1349     \fi
1350 }%
1351 \else
1352     \@tstidx@ifutfviii
1353     {%
1354         \expandafter\tstidxprocessutf\expandafter\@tstidx@sort
1355         \expandafter{\@tstidx@sort}%
1356     }%
1357     {%
1358         \expandafter\tstidxprocessasciisort\expandafter\@tstidx@sort
1359         \expandafter{\@tstidx@sort}%
1360     }%
1361     \expandafter\toks@\expandafter{\@tstidx@sort}%
1362     \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1363     \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1364     \fi
1365     \expandafter\toks@\expandafter{\@tstidx@entry}%
1366     \protected@edef\@tstidx@entry{\the\toks@\tstidxencap
1367         \@tstidxseeencap{#4}{#6}}%
1368     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1369     \iftstidxshowmarks
1370         \tstidxseeref{#2}{#4}{#6}%
1371     \fi
1372 }

```

tstindexutfsee

```

\@tstindexutfsee[ascii sort]{ascii term}[utf sort] {utf
term}[label]{see cs}[xr-labels] {ascii cross-reference}
{utf cross-reference}

```

```

1373 \newcommand*\@tstindexutfsee{2}[]{}%
1374     \@tstindexutfsee{#1}{#2}%
1375 }
1376 \newcommand*\@tstindexutfsee{2}{}%
1377     \@ifnextchar[{\@tst@indexutfsee{#1}{#2}}{\@tst@indexutfsee{#1}{#2}[]}%
1378 }
1379 \def\@tst@indexutfsee#1#2[#3]#4{%
1380     \@ifnextchar[{\@tst@@indexutfsee{#1}{#2}{#3}{#4}}%
1381     {\@tst@@indexutfsee{#1}{#2}{#3}{#4}[]}%
1382 }
1383 \def\@tst@@indexutfsee#1#2#3#4[#5]#6{%
1384     \@ifnextchar[{\@tst@@@indexutfsee{#1}{#2}{#3}{#4}{#5}{#6}}%
1385     {\@tst@@@indexutfsee{#1}{#2}{#3}{#4}{#5}{#6}[]}%
1386 }
1387 \def\@tst@@@indexutfsee#1#2#3#4#5#6[#7]#8#9{%

```

```

1388 \@tstidx@ifutfviii
1389 {%
1390   \@tstindexsee{#3}{#4}{#5}{#6}[#7]{#9}%
1391 }%
1392 {%
1393   \@tstindexsee{#1}{#2}{#5}{#6}[#7]{#8}%
1394 }%
1395 }

```

6.2 Sub-Entries

One sub-level.

stsubindexpost

```

\tstsubindexpost[{main sort}]{{main term}}[{sub sort}]{{sub term}}[{label}]{{encap}}{{text}}

```

```

1396 \newcommand*{\tstsubindexpost}[2][[]]{%
1397   \def\@tstidx@sort{#1}%
1398   \def\@tstidx@term{#2}%
1399   \@tst@subindexpost
1400 }
1401 \newcommand*{\@tst@subindexpost}[2][[]]{%
1402   \@ifnextchar[{\@tstidx@subindexpost{#1}{#2}}{\@tstidx@subindexpost{#1}{#2}[]}]%
1403   \def\@tstidx@subindexpost#1#2[#3]#4#5{%
1404     \def\@tstidx@subsort{#1}%
1405     \def\@tstidx@subterm{#2}%
1406     \def\@tstidx@encap{#4}%
1407     \ifx\@tstidx@sort\@empty
1408       \let\@tstidx@entry\@tstidx@term
1409     \else
1410       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1411         \unexpanded\expandafter{\@tstidx@term}}%
1412     \fi
1413     \ifx\@tstidx@subsort\@empty
1414       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1415         \unexpanded\expandafter{\@tstidx@subterm}}%
1416     \else
1417       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1418         \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1419         \unexpanded\expandafter{\@tstidx@subterm}}%
1420     \fi
1421     \ifx\@tstidx@encap\@empty
1422       \iftestidxshowmarks
1423         \tstidxtext{#5\tstidxsubmarker}%
1424       \else
1425         #5%
1426       \fi
1427     \expandafter\@tstindex\expandafter{\@tstidx@entry}%

```

```

1428 \else
1429   \iftestidxshowmarks
1430     \tstidxtext{\tstidxencaptext{#4}{#5\tstidxsubmarker}}%
1431   \else
1432     #5%
1433   \fi
1434   \expandafter\toks@\expandafter{\@tstidx@entry}%
1435   \edef\@tstidx@entry{\the\toks@\tstidxencap#4}%
1436   \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1437 \fi
1438 }

```

bindindexopenpost

```

\tstsubindexopenpost [main sort]{main term}[sub sort]{sub term}[label]{encap}{text}

```

```

1439 \newcommand*{\tstsubindexopenpost}[2][ ]{%
1440   \def\@tstidx@sort{#1}%
1441   \def\@tstidx@term{#2}%
1442   \@tst@subindexopenpost
1443 }
1444 \newcommand*{\@tst@subindexopenpost}[2][ ]{%
1445   \@ifnextchar[{\@tstidx@subindexopenpost{#1}{#2}}{\@tstidx@subindexopenpost{#1}{#2}}
1446 \def\@tstidx@subindexopenpost#1#2[#3]#4#5{%
1447   \def\@tstidx@subsort{#1}%
1448   \def\@tstidx@subterm{#2}%
1449   \def\@tstidx@encap{#4}%
1450   \ifx\@tstidx@sort\@empty
1451     \let\@tstidx@entry\@tstidx@term
1452   \else
1453     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1454       \unexpanded\expandafter{\@tstidx@term}}%
1455   \fi
1456   \ifx\@tstidx@subsort\@empty
1457     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1458       \unexpanded\expandafter{\@tstidx@subterm}}%
1459   \else
1460     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1461       \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1462       \unexpanded\expandafter{\@tstidx@subterm}}%
1463   \fi
1464   \ifx\@tstidx@encap\@empty
1465     \iftestidxshowmarks
1466       \tstidxtext{#5\tstidxopensubmarker}%
1467     \else
1468       #5%
1469     \fi
1470   \expandafter\toks@\expandafter{\@tstidx@entry}%
1471   \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange}%

```

```

1472 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1473 \else
1474 \iftestidxshowmarks
1475 \tstidxtext{\tstidxencapttext{#4}{#5\tstidxopensubmarker}}%
1476 \else
1477 #5%
1478 \fi
1479 \expandafter\toks@\expandafter{\@tstidx@entry}%
1480 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange#4}%
1481 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1482 \fi
1483 }

```

indexclosepost `\tstsubindexclosepost[⟨main sort⟩]{⟨main term⟩}[⟨sub sort⟩]{⟨sub term⟩}[⟨label⟩]{⟨encap⟩}{⟨text⟩}`

```

1484 \newcommand*{\tstsubindexclosepost}[2][ ]{%
1485 \def\@tstidx@sort{#1}%
1486 \def\@tstidx@term{#2}%
1487 \@tst@subindexclosepost
1488 }
1489 \newcommand*{\@tst@subindexclosepost}[2][ ]{%
1490 \@ifnextchar[{\@tstidx@subindexclosepost{#1}{#2}}{\@tstidx@subindexclosepost{#1}{#
1491 \def\@tstidx@subindexclosepost#1#2[#3]#4#5{%
1492 \def\@tstidx@subsort{#1}%
1493 \def\@tstidx@subterm{#2}%
1494 \def\@tstidx@encap{#4}%
1495 \ifx\@tstidx@sort\@empty
1496 \let\@tstidx@entry\@tstidx@term
1497 \else
1498 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1499 \unexpanded\expandafter{\@tstidx@term}}%
1500 \fi
1501 \ifx\@tstidx@subsort\@empty
1502 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1503 \unexpanded\expandafter{\@tstidx@subterm}}%
1504 \else
1505 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1506 \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1507 \unexpanded\expandafter{\@tstidx@subterm}}%
1508 \fi
1509 \ifx\@tstidx@encap\@empty
1510 \iftestidxshowmarks
1511 \tstidxtext{#5\tstidxclosesubmarker}%
1512 \else
1513 #5%
1514 \fi
1515 \expandafter\toks@\expandafter{\@tstidx@entry}%

```

```

1516 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange}%
1517 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1518 \else
1519 \iftestidxshowmarks
1520 \tstidxtext{\tstidxencaptext{#4}{#5\tstidxclosesubmarker}}%
1521 \else
1522 #5%
1523 \fi
1524 \expandafter\toks@\expandafter{\@tstidx@entry}%
1525 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange#4}%
1526 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1527 \fi
1528 }

```

tstsubindexpre

```

\@tstsubindexpre[<main sort>]{<main term>}[<sub sort>]{<sub term>}
[<label>]{<encap>}{<text>}

```

```

1529 \newcommand*{\tstsubindexpre}[2][[]]{%
1530 \def\@tstidx@sort{#1}%
1531 \def\@tstidx@term{#2}%
1532 \@tst@subindexpre
1533 }
1534 \newcommand*{\@tst@subindexpre}[2][[]]{%
1535 \@ifnextchar[{\@tstidx@subindexpre{#1}{#2}}{\@tstidx@subindexpre{#1}{#2}[]}}%
1536 \def\@tstidx@subindexpre#1#2[#3]#4#5{%
1537 \def\@tstidx@subsort{#1}%
1538 \def\@tstidx@subterm{#2}%
1539 \def\@tstidx@encap{#4}%
1540 \ifx\@tstidx@sort\@empty
1541 \let\@tstidx@entry\@tstidx@term
1542 \else
1543 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1544 \unexpanded\expandafter{\@tstidx@term}}%
1545 \fi
1546 \ifx\@tstidx@subsort\@empty
1547 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1548 \unexpanded\expandafter{\@tstidx@subterm}}%
1549 \else
1550 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1551 \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1552 \unexpanded\expandafter{\@tstidx@subterm}}%
1553 \fi
1554 \ifx\@tstidx@encap\@empty
1555 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1556 \iftestidxshowmarks
1557 \tstidxtext{#5\tstidxsubmarker}%
1558 \else
1559 #5%

```

```

1560   \fi
1561   \else
1562     \expandafter\toks@\expandafter{\@tstidx@entry}%
1563     \edef\@tstidx@entry{\the\toks@\tstidxencap#4}%
1564     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1565     \iftestidxshowmarks
1566       \tstidxtext{\tstidxencapttext{#4}{#5\tstidxsubmarker}}%
1567     \else
1568       #5%
1569     \fi
1570   \fi
1571 }

```

subindexopenpre `\tstsubindexopenpre[<main sort>]{<main term>}[<sub sort>]{<sub term>}{<label>}{<encap>}{<text>}`

```

1572 \newcommand*{\tstsubindexopenpre}[2][[]]{%
1573   \def\@tstidx@sort{#1}%
1574   \def\@tstidx@term{#2}%
1575   \@tst@subindexopenpre
1576 }
1577 \newcommand*{\@tst@subindexopenpre}[2][[]]{%
1578   \@ifnextchar[{\@tstidx@subindexopenpre{#1}{#2}}{\@tstidx@subindexopenpre{#1}{#2}[]}
1579   \def\@tstidx@subindexopenpre#1#2[#3]#4#5{%
1580     \def\@tstidx@subsort{#1}%
1581     \def\@tstidx@subterm{#2}%
1582     \def\@tstidx@encap{#4}%
1583     \ifx\@tstidx@sort\@empty
1584       \let\@tstidx@entry\@tstidx@term
1585     \else
1586       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1587         \unexpanded\expandafter{\@tstidx@term}}%
1588     \fi
1589     \ifx\@tstidx@subsort\@empty
1590       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1591         \unexpanded\expandafter{\@tstidx@subterm}}%
1592     \else
1593       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1594         \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1595         \unexpanded\expandafter{\@tstidx@subterm}}%
1596     \fi
1597     \ifx\@tstidx@encap\@empty
1598       \expandafter\toks@\expandafter{\@tstidx@entry}%
1599       \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenerange}%
1600     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1601     \iftestidxshowmarks
1602       \tstidxtext{#5\tstidxopensubmarker}%
1603     \else

```

```

1604     #5%
1605     \fi
1606   \else
1607     \expandafter\toks@\expandafter{\@tstidx@entry}%
1608     \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenerange#4}%
1609     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1610     \iftestidxshowmarks
1611       \tstidxtext{\tstidxencapttext{#4}{#5\tstidxopensubmarker}}%
1612     \else
1613       #5%
1614     \fi
1615   \fi
1616 }

```

bindindexclosepre

```

\tstsubindexclosepre[{main sort}]{{main term}}[{sub sort}]{{sub term}}[{label}]{{encap}}{{text}}

```

```

1617 \newcommand*{\tstsubindexclosepre}[2][ ]{%
1618   \def\@tstidx@sort{#1}%
1619   \def\@tstidx@term{#2}%
1620   \@tst@subindexclosepre
1621 }
1622 \newcommand*{\@tst@subindexclosepre}[2][ ]{%
1623   \@ifnextchar[{\@tstidx@subindexclosepre{#1}{#2}}{\@tstidx@subindexclosepre{#1}{#2}}
1624   \def\@tstidx@subindexclosepre#1#2[#3]#4#5{%
1625     \def\@tstidx@subsort{#1}%
1626     \def\@tstidx@subterm{#2}%
1627     \def\@tstidx@encap{#4}%
1628     \ifx\@tstidx@sort\@empty
1629       \let\@tstidx@entry\@tstidx@term
1630     \else
1631       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1632         \unexpanded\expandafter{\@tstidx@term}}%
1633     \fi
1634     \ifx\@tstidx@subsort\@empty
1635       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1636         \unexpanded\expandafter{\@tstidx@subterm}}%
1637     \else
1638       \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1639         \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1640         \unexpanded\expandafter{\@tstidx@subterm}}%
1641     \fi
1642     \ifx\@tstidx@encap\@empty
1643       \expandafter\toks@\expandafter{\@tstidx@entry}%
1644       \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange}%
1645       \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1646       \iftestidxshowmarks
1647         \tstidxtext{#5\tstidxclosesubmarker}%

```

```

1648 \else
1649 #5%
1650 \fi
1651 \else
1652 \expandafter\toks@\expandafter{\@tstidx@entry}%
1653 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange#4}%
1654 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1655 \iftstidxshowmarks
1656 \tstidxtext{\tstidxencapttext{#4}{#5\tstidxclosesubmarker}}%
1657 \else
1658 #5%
1659 \fi
1660 \fi
1661 }

```

tstindexsubsee

```

\@tstindexsubsee[<main sort>]{<main term>}[<sub sort>] {<sub
term>}[<label>]{<cs name>}[<xr-labels>]{<text>}

```

```

1662 \newcommand*{\tstindexsubsee}[2][ ]{%
1663 \def\@tstidx@sort{#1}%
1664 \def\@tstidx@term{#2}%
1665 \ifx\@tstidx@sort\@empty
1666 \def\@tstidx@entry{#2}%
1667 \else
1668 \toks@{#1}%
1669 \edef\@tstidx@entry{\the\toks@\tstidxactual}%
1670 \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1671 \fi
1672 \@tstindexsubsee
1673 }

```

stindexsubsee

```

1674 \newcommand*{\@tstindexsubsee}[2][ ]{%
1675 \@ifnextchar[{\@tstidx@index@subsee{#1}{#2}}%
1676 {\@tstidx@index@subsee{#1}{#2}[]}%
1677 }%
1678 \def\@tstidx@index@subsee#1#2[#3]#4{%
1679 \@ifnextchar[{\@tstidx@indexsubsee{#1}{#2}{#3}{#4}}%
1680 {\@tstidx@indexsubsee{#1}{#2}{#3}{#4}[]}%
1681 }
1682 \def\@tstidx@indexsubsee#1#2#3#4[#5]#6{%
1683 \def\@tstidx@subsort{#1}%
1684 \ifx\@tstidx@subsort\@empty
1685 \toks@{#2}%
1686 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}%
1687 \tstidxlevel\the\toks@}%
1688 \else
1689 \toks@{#1}%

```



```

1690 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}%
1691 \tstidxlevel\the\toks@\tstidxactual}%
1692 \expandafter\def\expandafter\@tstidx@entry\expandafter{\@tstidx@entry#2}%
1693 \fi
1694 \expandafter\toks@\expandafter{\@tstidx@entry}%
1695 \edef\@tstidx@entry{\the\toks@\tstidxencap
1696 \@tstidxseeencap{#4}{#6}}%
1697 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1698 \iftstidxshowmarks
1699 \tstidxsubseeref{\@tstidx@term}{#2}{#4}{#6}%
1700 \fi
1701 }

```

Two sub-levels.

subsubindexpost

<pre> \tstsubsubindexpost[(<i>main sort</i>)]{(<i>main term</i>)}[(<i>sub sort</i>)]{(<i>sub term</i>)}[(<i>sub-sub sort</i>)]{(<i>sub-sub term</i>)}[(<i>label</i>)]{(<i>encap</i>)}{(<i>text</i>)} </pre>

```

1702 \newcommand*{\tstsubsubindexpost}[2][[]]{%
1703 \def\@tstidx@sort{#1}%
1704 \def\@tstidx@term{#2}%
1705 \@tst@subsubindexpost
1706 }
1707 \newcommand*{\@tst@subsubindexpost}[2][[]]{%
1708 \def\@tstidx@subsort{#1}%
1709 \def\@tstidx@subterm{#2}%
1710 \@@tst@subsubindexpost
1711 }
1712 \newcommand*{\@@tst@subsubindexpost}[2][[]]{%
1713 \@ifnextchar[{\@@tstidx@subsubindexpost{#1}{#2}}%
1714 {\@@tstidx@subsubindexpost{#1}{#2}[[]]}%
1715 \def\@@tstidx@subsubindexpost#1#2[#3]#4#5{%
1716 \def\@tstidx@subsubsort{#1}%
1717 \def\@tstidx@subsubterm{#2}%
1718 \def\@tstidx@encap{#4}%
1719 \ifx\@tstidx@sort\@empty
1720 \let\@tstidx@entry\@tstidx@term
1721 \else
1722 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1723 \unexpanded\expandafter{\@tstidx@term}}%
1724 \fi
1725 \ifx\@tstidx@subsort\@empty
1726 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1727 \unexpanded\expandafter{\@tstidx@subterm}}%
1728 \else
1729 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1730 \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1731 \unexpanded\expandafter{\@tstidx@subterm}}%

```

```

1732 \fi
1733 \ifx\@tstidx@subsubsort\@empty
1734   \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1735     \unexpanded\expandafter{\@tstidx@subsubterm}}%
1736 \else
1737   \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1738     \unexpanded\expandafter{\@tstidx@subsubsort}\tstidxactual
1739     \unexpanded\expandafter{\@tstidx@subsubterm}}%
1740 \fi
1741 \ifx\@tstidx@encap\@empty
1742   \iftestidxshowmarks
1743     \tstidxtext{#5\tstidxsubsubmarker}%
1744   \else
1745     #5%
1746   \fi
1747   \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1748 \else
1749   \iftestidxshowmarks
1750     \tstidxtext{\tstidxencapttext{#4}{#5\tstidxsubsubmarker}}%
1751   \else
1752     #5%
1753   \fi
1754   \expandafter\toks@\expandafter{\@tstidx@entry}%
1755   \edef\@tstidx@entry{\the\toks@\tstidxencap#4}%
1756   \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1757 \fi
1758 }

```

bindindexopenpost

```

\tstsubsubindexopenpost[⟨main sort⟩]{⟨main term⟩}[⟨sub sort⟩]
{⟨sub term⟩}[⟨sub-sub sort⟩]{⟨sub-sub term⟩}[⟨label⟩]{⟨encap⟩}
{⟨text⟩}

```

```

1759 \newcommand*{\tstsubsubindexopenpost}[2][ ]{%
1760   \def\@tstidx@sort{#1}%
1761   \def\@tstidx@term{#2}%
1762   \@tst@subsubindexopenpost
1763 }
1764 \newcommand*{\@tst@subsubindexopenpost}[2][ ]{%
1765   \def\@tstidx@subsort{#1}%
1766   \def\@tstidx@subterm{#2}%
1767   \@@tst@subsubindexopenpost
1768 }
1769 \newcommand*{\@@tst@subsubindexopenpost}[2][ ]{%
1770   \@ifnextchar[{\@tstidx@subsubindexopenpost{#1}{#2}}%
1771   {\@tstidx@subsubindexopenpost{#1}{#2}[ ]}%
1772 }%
1773
1774 \def\@@tstidx@subsubindexopenpost#1#2[#3]#4#5{%

```

```

1775 \def\@tstidx@subsubsort{#1}%
1776 \def\@tstidx@subsubterm{#2}%
1777 \def\@tstidx@encap{#4}%
1778 \ifx\@tstidx@sort\@empty
1779   \let\@tstidx@entry\@tstidx@term
1780 \else
1781   \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1782     \unexpanded\expandafter{\@tstidx@term}}%
1783 \fi
1784 \ifx\@tstidx@subsort\@empty
1785   \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1786     \unexpanded\expandafter{\@tstidx@subterm}}%
1787 \else
1788   \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1789     \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1790     \unexpanded\expandafter{\@tstidx@subterm}}%
1791 \fi
1792 \ifx\@tstidx@subsubsort\@empty
1793   \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1794     \unexpanded\expandafter{\@tstidx@subsubterm}}%
1795 \else
1796   \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1797     \unexpanded\expandafter{\@tstidx@subsubsort}\tstidxactual
1798     \unexpanded\expandafter{\@tstidx@subsubterm}}%
1799 \fi
1800 \ifx\@tstidx@encap\@empty
1801   \iftestidxshowmarks
1802     \tstidxtext{#5\tstidxopensubmarker}%
1803   \else
1804     #5%
1805   \fi
1806   \expandafter\toks@\expandafter{\@tstidx@entry}%
1807   \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange}%
1808   \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1809 \else
1810   \iftestidxshowmarks
1811     \tstidxtext{\tstidxencapttext{#4}{#5\tstidxopensubmarker}}%
1812   \else
1813     #5%
1814   \fi
1815   \expandafter\toks@\expandafter{\@tstidx@entry}%
1816   \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange#4}%
1817   \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1818 \fi
1819 }

```

indexclosepost

```
\tstsubsubindexclosepost[⟨main sort⟩]{⟨main term⟩}[⟨sub sort⟩]
{⟨sub term⟩}[⟨sub-sub sort⟩]{⟨sub-sub term⟩}[⟨label⟩]{⟨encap⟩}
{⟨text⟩}
```

```
1820 \newcommand*{\tstsubsubindexclosepost}[2][ ]{%
1821   \def\@tstidx@sort{#1}%
1822   \def\@tstidx@term{#2}%
1823   \@tst@subsubindexclosepost
1824 }
1825 \newcommand*{\@tst@subsubindexclosepost}[2][ ]{%
1826   \def\@tstidx@subsort{#1}%
1827   \def\@tstidx@subterm{#2}%
1828   \@@tst@subsubindexclosepost
1829 }
1830 \newcommand*{\@@tst@subsubindexclosepost}[2][ ]{%
1831   \@ifnextchar[{\@@tstidx@subsubindexclosepost{#1}{#2}}%
1832   {\@@tstidx@subsubindexclosepost{#1}{#2}[ ]}%
1833 }%
1834
1835 \def\@@tstidx@subsubindexclosepost#1#2[#3]#4#5{%
1836   \def\@tstidx@subsubsort{#1}%
1837   \def\@tstidx@subsubterm{#2}%
1838   \def\@tstidx@encap{#4}%
1839   \ifx\@tstidx@sort\@empty
1840     \let\@tstidx@entry\@tstidx@term
1841   \else
1842     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1843       \unexpanded\expandafter{\@tstidx@term}}%
1844   \fi
1845   \ifx\@tstidx@subsort\@empty
1846     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1847       \unexpanded\expandafter{\@tstidx@subterm}}%
1848   \else
1849     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1850       \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1851       \unexpanded\expandafter{\@tstidx@subterm}}%
1852   \fi
1853   \ifx\@tstidx@subsubsort\@empty
1854     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1855       \unexpanded\expandafter{\@tstidx@subsubterm}}%
1856   \else
1857     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1858       \unexpanded\expandafter{\@tstidx@subsubsort}\tstidxactual
1859       \unexpanded\expandafter{\@tstidx@subsubterm}}%
1860   \fi
1861   \ifx\@tstidx@encap\@empty
1862     \iftestidxshowmarks
1863       \tstidxtext{#5\tstidxclosesubmarker}%

```

```

1864 \else
1865 #5%
1866 \fi
1867 \expandafter\toks@\expandafter{\@tstidx@entry}%
1868 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange}%
1869 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1870 \else
1871 \iftstidxshowmarks
1872 \tstidxtext{\tstidxencapttext{#4}{#5\tstidxclosesubmarker}}%
1873 \else
1874 #5%
1875 \fi
1876 \expandafter\toks@\expandafter{\@tstidx@entry}%
1877 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange#4}%
1878 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1879 \fi
1880 }

```

subsubindexpre

```

\tstsubsubindexpre[main sort]{main term}[sub sort]{sub term}[sub-sub sort]{sub-sub term}[label]{encap}{text}

```

```

1881 \newcommand*{\tstsubsubindexpre}[2][ ]{%
1882 \def\@tstidx@sort{#1}%
1883 \def\@tstidx@term{#2}%
1884 \@tst@subsubindexpre
1885 }
1886 \newcommand*{\@tst@subsubindexpre}[2][ ]{%
1887 \def\@tstidx@subsort{#1}%
1888 \def\@tstidx@subterm{#2}%
1889 \@@tst@subsubindexpre
1890 }
1891 \newcommand*{\@@tst@subsubindexpre}[2][ ]{%
1892 \@ifnextchar[{\@tstidx@subsubindexpre{#1}{#2}}%
1893 {\@@tstidx@subsubindexpre{#1}{#2}[ ]}%
1894 }%
1895
1896 \def\@@tstidx@subsubindexpre#1#2[#3]#4#5{%
1897 \def\@tstidx@subsubsort{#1}%
1898 \def\@tstidx@subsubterm{#2}%
1899 \def\@tstidx@encap{#4}%
1900 \ifx\@tstidx@sort\@empty
1901 \let\@tstidx@entry\@tstidx@term
1902 \else
1903 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1904 \unexpanded\expandafter{\@tstidx@term}}%
1905 \fi
1906 \ifx\@tstidx@subsort\@empty
1907 \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel

```

```

1908     \unexpanded\expandafter{\@tstidx@subterm}}%
1909 \else
1910     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1911     \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1912     \unexpanded\expandafter{\@tstidx@subterm}}%
1913 \fi
1914 \ifx\@tstidx@subsubsort\@empty
1915     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1916     \unexpanded\expandafter{\@tstidx@subsubterm}}%
1917 \else
1918     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1919     \unexpanded\expandafter{\@tstidx@subsubsort}\tstidxactual
1920     \unexpanded\expandafter{\@tstidx@subsubterm}}%
1921 \fi
1922 \ifx\@tstidx@encap\@empty
1923     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1924     \iftestidxshowmarks
1925         \tstidxtext{#5\tstidxsubsubmarker}%
1926     \else
1927         #5%
1928     \fi
1929 \else
1930     \expandafter\toks@\expandafter{\@tstidx@entry}%
1931     \edef\@tstidx@entry{\the\toks@\tstidxencap#4}%
1932     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1933     \iftestidxshowmarks
1934         \tstidxtext{\tstidxencapttext{#4}{#5\tstidxsubsubmarker}}%
1935     \else
1936         #5%
1937     \fi
1938 \fi
1939 }

```

ubindexopenpre

```

\tstsubsubindexopenpre[⟨main sort⟩]{⟨main term⟩}[⟨sub sort⟩]
{⟨sub term⟩}[⟨sub-sub sort⟩]{⟨sub-sub term⟩}[⟨label⟩]{⟨encap⟩}
{⟨text⟩}

```

```

1940 \newcommand*{\tstsubsubindexopenpre}[2][ ]{%
1941     \def\@tstidx@sort{#1}%
1942     \def\@tstidx@term{#2}%
1943     \@tst@subsubindexopenpre
1944 }
1945 \newcommand*{\@tst@subsubindexopenpre}[2][ ]{%
1946     \def\@tstidx@subsort{#1}%
1947     \def\@tstidx@subterm{#2}%
1948     \@@tst@subsubindexopenpre
1949 }
1950 \newcommand*{\@@tst@subsubindexopenpre}[2][ ]{%

```

```

1951 \@ifnextchar[{\@@@tstidx@subsubindexopenpre{#1}{#2}}%
1952 {\@@@tstidx@subsubindexopenpre{#1}{#2}[]}%
1953 }%
1954 \def\@@@tstidx@subsubindexopenpre#1#2[#3]#4#5{%
1955   \def\@tstidx@subsubsort{#1}%
1956   \def\@tstidx@subsubterm{#2}%
1957   \def\@tstidx@encap{#4}%
1958   \ifx\@tstidx@sort\@empty
1959     \let\@tstidx@entry\@tstidx@term
1960   \else
1961     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual
1962       \unexpanded\expandafter{\@tstidx@term}}%
1963   \fi
1964   \ifx\@tstidx@subsort\@empty
1965     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1966       \unexpanded\expandafter{\@tstidx@subterm}}%
1967   \else
1968     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1969       \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual
1970       \unexpanded\expandafter{\@tstidx@subterm}}%
1971   \fi
1972   \ifx\@tstidx@subsubsort\@empty
1973     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1974       \unexpanded\expandafter{\@tstidx@subsubterm}}%
1975   \else
1976     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel
1977       \unexpanded\expandafter{\@tstidx@subsubsort}\tstidxactual
1978       \unexpanded\expandafter{\@tstidx@subsubterm}}%
1979   \fi
1980   \ifx\@tstidx@encap\@empty
1981     \expandafter\toks@\expandafter{\@tstidx@entry}%
1982     \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange}%
1983     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1984     \iftestidxshowmarks
1985       \tstidxtext{#5\tstidxopensubmarker}%
1986     \else
1987       #5%
1988     \fi
1989   \else
1990     \expandafter\toks@\expandafter{\@tstidx@entry}%
1991     \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxopenrange#4}%
1992     \expandafter\@tstindex\expandafter{\@tstidx@entry}%
1993     \iftestidxshowmarks
1994       \tstidxtext{\tstidxencapttext{#4}{#5\tstidxopensubmarker}}%
1995     \else
1996       #5%
1997     \fi
1998   \fi
1999 }

```

indexclosepre

```
\tstsubsubindexclosepre[⟨main sort⟩]{⟨main term⟩}[⟨sub sort⟩]  
{⟨sub term⟩}[⟨sub-sub sort⟩]{⟨sub-sub term⟩}[⟨label⟩]{⟨encap⟩}  
{⟨text⟩}
```

```
2000 \newcommand*{\tstsubsubindexclosepre}[2][ ]{%  
2001   \def\@tstidx@sort{#1}%  
2002   \def\@tstidx@term{#2}%  
2003   \@tst@subsubindexclosepre  
2004 }  
2005 \newcommand*{\@tst@subsubindexclosepre}[2][ ]{%  
2006   \def\@tstidx@subsort{#1}%  
2007   \def\@tstidx@subterm{#2}%  
2008   \@@tst@subsubindexclosepre  
2009 }  
2010 \newcommand*{\@@tst@subsubindexclosepre}[2][ ]{%  
2011   \@ifnextchar[{\@@tstidx@subsubindexclosepre{#1}{#2}}%  
2012   {\@@tstidx@subsubindexclosepre{#1}{#2}[ ]}%  
2013 }%  
2014  
2015 \def\@@tstidx@subsubindexclosepre#1#2[#3]#4#5{%  
2016   \def\@tstidx@subsubsort{#1}%  
2017   \def\@tstidx@subsubterm{#2}%  
2018   \def\@tstidx@encap{#4}%  
2019   \ifx\@tstidx@sort\@empty  
2020     \let\@tstidx@entry\@tstidx@term  
2021   \else  
2022     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@sort}\tstidxactual  
2023       \unexpanded\expandafter{\@tstidx@term}}%  
2024   \fi  
2025   \ifx\@tstidx@subsort\@empty  
2026     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel  
2027       \unexpanded\expandafter{\@tstidx@subterm}}%  
2028   \else  
2029     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel  
2030       \unexpanded\expandafter{\@tstidx@subsort}\tstidxactual  
2031       \unexpanded\expandafter{\@tstidx@subterm}}%  
2032   \fi  
2033   \ifx\@tstidx@subsubsort\@empty  
2034     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel  
2035       \unexpanded\expandafter{\@tstidx@subsubterm}}%  
2036   \else  
2037     \edef\@tstidx@entry{\unexpanded\expandafter{\@tstidx@entry}\tstidxlevel  
2038       \unexpanded\expandafter{\@tstidx@subsubsort}\tstidxactual  
2039       \unexpanded\expandafter{\@tstidx@subsubterm}}%  
2040   \fi  
2041   \ifx\@tstidx@encap\@empty  
2042     \expandafter\toks\@expandafter{\@tstidx@entry}%  
2043     \edef\@tstidx@entry{\the\toks\@tstidxencap\tstidxcloserange}%
```



```

2044 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
2045 \iftestidxshowmarks
2046 \tstidxtext{#5\tstidxclosesubmarker}%
2047 \else
2048 #5%
2049 \fi
2050 \else
2051 \expandafter\toks@\expandafter{\@tstidx@entry}%
2052 \edef\@tstidx@entry{\the\toks@\tstidxencap\tstidxcloserange#4}%
2053 \expandafter\@tstindex\expandafter{\@tstidx@entry}%
2054 \iftestidxshowmarks
2055 \tstidxtext{\tstidxencaptext{#4}{#5\tstidxclosesubmarker}}%
2056 \else
2057 #5%
2058 \fi
2059 \fi
2060 }

```

7 Filler Text Generator

`\tstidx` Provide a command similar to `\lipsum` from the `lipsum` package. May take a comma-separated list or a range of paragraph indices. The starred form suppresses paragraph breaks.

```

2061 \newcommand*\tstidx{%
2062 \@ifstar
2063 {%
2064 \def\@tstidx@block@sep{\space}%
2065 \@tstidx
2066 }%
2067 {%
2068 \def\@tstidx@block@sep{\tstidxdefblocksep}%
2069 \@tstidx
2070 }%
2071 }

```

```

\@tstidx
2072 \newcommand*\@tstidx[1][1-\tstidxmaxblocks]{%
2073 \@for\tidx@block@range:=#1\do{%
2074 \ifx\tidx@block@range\@empty
2075 \else
2076 \expandafter\@test@idx\tidx@block@range-\@nil-\@nil\@end@test@idx
2077 \fi
2078 }%
2079 }

```

`dxdefblocksep` The default separator between blocks is `\par`.

```
2080 \newcommand{\tstidxdefblocksep}{\par}
```

`dxprefixblock` Prefix for each paragraph. Argument is the paragraph number.

```
2081 \newcommand*{\tstidxprefixblock}[1]{\scriptsize\number#1.\ }
\@tidx@parctr
```

```
2082 \newcount\@tidx@parctr
```

```
\@test@idx
```

```
2083 \def\@test@idx#1-#2-#3\@end@test@idx{%
2084   \def\@tst@idx@arg{#1}%
2085   \ifx\@tst@idx@arg\@nnil
2086     \PackageError{testidx}{Invalid range ` \@tidx@block@range' }{}%
2087   \else
2088     \def\@tst@idx@arg{#2}%
2089     \ifx\@tst@idx@arg\@empty
2090       \PackageError{testidx}{Invalid range ` \@tidx@block@range' }{}%
2091     \else
2092       \ifx\@tst@idx@arg\@nnil
2093         \@test@idx{#1}%
2094       \else
2095         \ifnum#2<#1\relax
2096           \@tidx@parctr=\numexpr#1+1\relax
2097           \loop
2098             \advance\@tidx@parctr by -\@ne
2099             \@test@idx\@tidx@parctr
2100           \ifnum\@tidx@parctr>#2
2101             \repeat
2102         \else
2103           \@tidx@parctr=\numexpr#1-1\relax
2104           \loop
2105             \advance\@tidx@parctr by \@ne
2106             \@test@idx\@tidx@parctr
2107           \ifnum\@tidx@parctr<#2
2108             \repeat
2109         \fi
2110       \fi
2111     \fi
2112   \fi
2113 }
```

```
\@@test@idx Do paragraph identified by argument.
```

```
2114 \newcommand*{\@@test@idx}[1]{%
2115   \@ifundefined{@tidx@par@\romannumeral#1}%
2116   {%
2117     \PackageError{testidx}{No such test block ` \number#1' }%
2118     {Blocks are numbered from 1 to \number\tstidxmaxblocks}%
2119   }%
2120   {%
2121     \tstidxprefixblock{#1}%
2122     \csname @tidx@par@\romannumeral#1\endcsname
2123     \@testidx@block@sep
```

```
2124 }%
2125 }
```

tidxmaxblocks

```
2126 \newcount\tstidxmaxblocks
```

7.1 Adding Test Paragraphs

stidxnewblock

```
2127 \newcommand*\tstidxnewblock{
2128   \@ifstar\s@tstidxnewblock\@tstidxnewblock
2129 }
```

tstidxnewblock

```
\tstidxnewblock*{<cs>}{<block text>}
```

(Starred form.) Define a new block and assign the block's number to the control sequence *<cs>* for reference in another block. (Can't use the normal `\ref/\label` as the reference is more useful to the user if the referred block is missing. The undefined `??` indicator isn't much use in this context.)

```
2130 \newcommand{\s@tstidxnewblock}[2]{%
2131   \@tstidxnewblock{#2}%
2132   \edef#1{\number\tstidxmaxblocks}%
2133 }
```

tstidxnewblock

```
\tstidxnewblock{<block text>}
```

(Unstarred form.) Define a new block.

```
2134 \newcommand{\@tstidxnewblock}[1]{%
2135   \advance\tstidxmaxblocks by \@ne
2136   \expandafter
2137     \newcommand\csname @tidx@par@\romannumeral\tstidxmaxblocks\endcsname{#1}%
2138 }
```

7.2 Test Paragraphs

These are all the predefined test paragraphs.

\@tidx@par@i

```
2139 \tstidxnewblock
2140 {%
2141   This is a~sample block of text designed to test
2142   \tstidxcs{index}, the
2143   \if@tstidx@use@encaps
2144     \tstidxword[tstidxencapii]{layout}
2145   \else
2146     \tstidxword{layout}
```

```

2147 \fi
2148 of the
2149 \if@tstidx@use@encaps
2150 \tstidxword[tstidxencapii]{index}
2151 \else
2152 \tstidxword{index}
2153 \fi
2154 (\tstidxenv{theindex} environment) and any
2155 \if@tstidx@use@encaps
2156 \tstidxphrase[tstidxencapii]{indexing application},
2157 \else
2158 \tstidxphrase{indexing application},
2159 \fi
2160 such as
2161 \tstidxapp{makeindex} or
2162 \tstidxapp{xindy}. This text is just
2163 \tstidxword{filler} (produced using \tstidxcs{testidx} provided
2164 by the \tstidxopensty{testidx} package) to
2165 pad\tstindexsee{padding}{seealso}{filler} out
2166 the document with instances of \tstidxcs{index} interspersed
2167 throughout. You can use it, for \tstidxword{example}, to test an in-
2168 dexing
2169 package, such as \tstidxsty{makeidx} or \tstidxsty{imakeidx}, or to
2170 test a \tstidxapp{makeindex} style file or \tstidxapp{xindy} module.
2171 You can find out more
2172 information from the \tstidxsty{testidx} user manual, which
2173 can be accessed using the \tstidxapp{texdoc} application.
2174 This block starts a range that is closed in block~\@tidx@close@testidxsty.%
2175 }

```

\@tidx@par@ii

```

2175 \tstidxnewblock
2176 {%
2177 The \tstidxsty{testidx} package doesn't make any
2178 modifications to \tstidxcs{index} or \tstidxenv{theindex}. All
2179 \tstidxphrase{visual effects} in this \tstidxphrase{dummy text} are pro-
2180 duced
2181 using markup commands provided solely for this \tstidxword{purpose} that
2182 internally use \tstidxcs{index} or, more specifically, internally use
2183 \tstidxcs{tstindex}, which is defined to use \tstidxcs{index} (so you can
2184 redefine \tstidxcs{tstindex} if you have multiple indexes). This pack-
2185 age
2186 doesn't attempt to \tstidxword{parse} or otherwise \tstidxword{interpret} the
2187 \tstidxword{argument} of \tstidxcs{index}, nor does it attempt to
2188 produce a well-designed index. Its purpose is to help you
2189 \tstidxword{test} your chosen \tstidxword{design}, which is easier to do with a
2190 relatively small test \tstidxword{document}, than with a large
2191 \tstidxword{book}. The \tstidxphrase{dummy text} is intended to pro-
2192 duce an

```

```

2190 \tstidxword{index} that is at least three pages long to allow you
2191 to test the page headers and footers in a two-sided document.
2192 You can hide the visual effects with the
2193 \tstidxstyopt{testidx}{hidemarks} package option.%
2194 \iftestidxshowmarks
2195 \else
2196 \space (It seems you already have this option set.
2197 Remove it or use \tstidxstyopt{testidx}{showmarks} to show them
2198 again.)%
2199 \fi
2200 }

```

@tidx@par@iii

```

2201 \tstidxnewblock
2202 {%
2203 The actual place where the \tstidxcs{index} command occurs in this
2204 \if@tstidx@use@encaps
2205 \tstidxphrase[tstidxencapiii]{dummy text}
2206 \else
2207 \tstidxphrase{dummy text}
2208 \fi
2209 is marked with the symbol
2210 \tstidxindexmarker{tstidxmarker} if there is no \tstidxword{range} or
2211 \tstidxphrase{cross-reference}. The
2212 \if@tstidx@use@encaps
2213 \tstidxword[tstidxencapi]{word}
2214 \else
2215 \tstidxword{word}
2216 \fi
2217 or
2218 \if@tstidx@use@encaps
2219 \tstidxword[tstidxencapii]{phrase}
2220 \else
2221 \tstidxword{phrase}
2222 \fi
2223 adjacent to this \tstidxword{marker} is
2224 the text being indexed.\tstidxfootnote{The \tstidxcs{index} command may
2225 occur before or after the \tstidxword{word} or \tstidxword{phrase} be-
2226 ing
2227 indexed in this
2228 \if@tstidx@use@encaps
2229 \tstidxphrase[tstidxencapiii]{dummy text},
2230 \else
2231 \tstidxphrase{dummy text},
2232 \fi
2233 but there's no
2234 space between the \tstidxword{marker} and the term being indexed. Al-
2235 ways
2236 remember not to surround your \tstidxcs{index} usage with spaces. Keep it

```

2235 flush against the term being indexed and only have a space on one
2236 side. Incidentally, this `\tstidxword{footnote}` text was produced
2237 using the command `\tstidxcs{tstidxfootnote}`, which you can
2238 redefined as required. (It defaults to just `\tstidxcs{footnote}`.)
2239 A sub-entry is indicated with the symbol
2240 `\tstidxindexmarker{tstidxsubmarker}` and a sub-sub-entry is
2241 indicated with the symbol `\tstidxindexmarker{tstidxsubsubmarker}`.
2242 If an `\tstidxword{encap}` value is provided, both the
2243 `\if@tstidx@use@encaps`
2244 `\tstidxword[tstidxencapiii]{text}`
2245 `\else`
2246 `\tstidxword{text}`
2247 `\fi`
2248 and the
2249 `\if@tstidx@use@encaps`
2250 `\tstidxword[tstidxencapii]{marker}`
2251 `\else`
2252 `\tstidxword{marker}`
2253 `\fi`
2254 are typeset in the `\tstidxword{argument}` of the corresponding command.
2255 (The text occurring in the document is also typeset within the argu-
ment of
2256 `\tstidxcs{tstidxtext}`. The default value is to use a dark grey, but since the
2257 default values for the `\tstidxword{predefined}` `encaps` used in this text all
2258 change the colour, the dark grey will only apply where the `encap` hasn't
2259 been set.) There are three `\tstidxword{encap}` values used throughout this
2260 `\tstidxphrase{dummy text}` (unless you've used the
2261 `\tstidxstyopt{testidx}{notestencaps}` package option):
2262 `\if@tstidx@use@encaps`
2263 `\tstidxencapcsn[tstidxencapi]{tstidxencapi}`,
2264 `\else`
2265 `\tstidxencapcsn{tstidxencapi}`,
2266 `\fi`
2267 `\if@tstidx@use@encaps`
2268 `\tstidxencapcsn[tstidxencapii]{tstidxencapii}`
2269 `\else`
2270 `\tstidxencapcsn{tstidxencapii}`
2271 `\fi`
2272 and
2273 `\if@tstidx@use@encaps`
2274 `\tstidxencapcsn[tstidxencapiii]{tstidxencapiii}`.
2275 `\else`
2276 `\tstidxencapcsn{tstidxencapiii}`.
2277 `\fi`
2278 (The default values use `\tstidxcs{textcolor}`, so you might want to use the
2279 `\tstidxstyopt{hyperref}{hidelinks}` option
2280 if you want to use the `\tstidxsty{hyperref}` package.) A cross-referenced
2281 entry (using `\tstidxencapcsn{see}` or `\tstidxencapcsn{seealso}`) is iden-
tified

2282 using the `\tstidxword{marker}` `\tstidxindexmarker{tstidxseemarker}`
 2283 and the cross-referenced information is displayed as
 2284 a `\tstidxphrase{marginal note}` by default, with the term being indexed
 2285 followed by the `\tstidxword{cross-reference}`.
 2286 For example,
 2287 `\tstidxword{lyuk}\tstindexsee{lyuk}{seealso}{digraph}` has
 2288 the marker `\tstidxmarker\` to show that the word `\tstidxqt{lyuk}` was
 2289 indexed followed by the marker `\tstidxseemarker\` to show that
 2290 a cross-reference to `\tstidxword{digraph}` has also been indexed
 2291 (with the details shown in the margin).
 2292 A sub-level
 2293 `\tstidxword{cross-reference}` is identified with the `\tstidxword{marker}`
 2294 `\tstidxindexmarker{tstidxsubseemarker}` and the marginal note
 2295 displays the main term followed by the sub-term (separated by the
 2296 symbol `\tstidxsubseesep`). The `\tstidxword{marker}` used for the start of
 2297 a range is `\tstidxindexmarker{tstidxopenmarker}` and the
 2298 `\tstidxword{marker}` used for the end of
 2299 a range is `\tstidxindexmarker{tstidxclosemarker}`
 2300 unless the entry is a sub-level, in which case the
 2301 `\tstidxword{marker}` for the start of the range is
 2302 `\tstidxindexmarker{tstidxopensubmarker}`
 2303 and the `\tstidxword{marker}` used for the end of a range is
 2304 `\tstidxindexmarker{tstidxclosesubmarker}`, or for a sub-sub-level
 2305 `\tstidxindexmarker{tstidxopensubsubmarker}` and
 2306 `\tstidxindexmarker{tstidxclosesubsubmarker}`. There are no tests for
 2307 any further sub-levels. Although `\tstidxapp{xindy}` allows more than
 2308 three levels (`\tstidxapp{makeindex}` doesn't), it's somewhat
 2309 `\tstidxword{excessive}` to go below a sub-sub-level.
 2310 You'll have to add your own tests for anything deeper.%
 2311 }

`\@tidx@par@iv`

2312 `\tstidxnewblock*{\@tidx@openrange@par}`
 2313 {%
 2314 Here's an `\tstidxword{example}` of the start of a `\tstidxopenword{range}` but
 2315 remember that a range must also have an end, so make sure that
 2316 `\tstidxword{block}~\@tidx@closerange@par\` has been included in this
 2317 `\if@tstidx@use@encaps`
 2318 `\tstidxphrase[tstidxencapiii]{dummy text},`
 2319 `\else`
 2320 `\tstidxphrase{dummy text},`
 2321 `\fi`
 2322 which closes this
 2323 `\tstidxword{example}`.
 2324 `\iftstidxverbose`
 2325 I see you've used the `\tstidxstyopt{testidx}{verbose}` package option which
 2326 shows the `\tstidxword{argument}` being passed to `\tstidxcsc{tstindex}`.
 2327 I expect it's caused some `\tstidxphrase{overfull lines}`.%
 2328 `\else`

```

2329   If you want more detail, you can use the \tstidxstyopt{testidx}{verbose}
2330   package option which will show the \tstidxword{argument} being passed to
2331   \tstidxcscs{tstindex} but be warned that it will
2332   cause \tstidxphrase{overfull lines}.%
2333 \fi
2334 }

```

\@tidx@par@v

```

2335 \tstidxnewblock
2336 {%
2337 Now that the preliminaries have been dispensed with in the previous
2338 \tstidxwordpl{paragraph}, we can get on
2339 to some serious
2340 \if@tstidx@use@encaps
2341   \tstidxword[tstidxencapii]{waffle}
2342 \else
2343   \tstidxword{waffle}
2344 \fi
2345 to act as
2346 \if@tstidx@use@encaps
2347   \tstidxword[tstidxencapi]{filler}
2348 \else
2349   \tstidxword{filler}
2350 \fi
2351 text because this really needs
2352 some \tstidxword{padding} in order to get a decent sized
2353 \tstidxword{index} with lots of locations. I did consider using just
2354 plain old \tstidxphrase{lorem ipsum} (like the \tstidxsty{lipsum}
2355 package), but it gets a bit boring after a while, and it's easier to
2356 check the indexing has been performed successfully if you can under-
stand
2357 the text. Of course, this doesn't help those who don't know any English, but at
2358 least they're no worse off than they would have been with random
2359 \tstidxword{gibberish}\tstindexsee{gobbledegook}{see}{gibberish},
2360 at least, I hope not. In other words, if I could just \tstidxword{clarify}
2361 what I'm trying to say here, in a \tstidxword{confidential} and not too
2362 \tstidxword{roundabout} \tstidxword{fashion}\tstidxdash
2363 \tstidxphrase{between you, me and the gatepost}\tstidxdash is please don't
2364 consider this to be an
2365 \tstidxword{illustration}\tstindexsee{illustration}{seealso}{example} of
2366 my stunning \tstidxword{wit}, \tstidxword{eloquence} and
2367 \tstidxphrase{way with words} because I'm shamelessly contravening the
2368 \tstidxphrase{creative writing}
2369 \tstidxword{adage} (or possibly \tstidxword{motto}) of
2370 \tstidxphrase{cut to the chase}, remove excessive
2371 \tstidxword{verbiage} and \tstidxphrase{get to the point}. I shall
2372 take care to hide this \tstidxword{drivel} from my
2373 \if@tstidx@use@encaps
2374   \tstidxphrase[tstidxencapiiii]{creative writing}

```



```

2375 \else
2376   \tstidxphrase{creative writing}
2377 \fi
2378 \tstidxword{tutor} and
2379 fellow writers, so
2380 \tstidxphrase{keep mum}\tstindexsee{keep mum}{seealso}{confidential}
2381 and don't \tstidxword{grass} on me because that just won't be fair,
2382 and it might \tstidxword{distress} them to a certain extent.
2383 I shall not be \tstidxword{assailed} by indecision and will
2384 \tstidxword{aspire} to find the \tstidxphrase{mot juste}.
2385 Where was I? Oh, yes, \tstidxword{padding}. I'm trying to make this
2386 \tstidxword{paragraph} quite long, not because I have any pretensions of be-
ing
2387 the next \tstidxperson{James}{Joyce} and competing with
2388 \tstidxbook{Ulysses}, but because one of the things
2389 we need to check for is what happens with paragraphs that span a
2390 \tstidxphrase{page break}. (If you're feeling particularly daring,
2391 try out the starred version of \tstidxcs{testidx}, although
2392 some of the blocks, such as \tstidxword{block}~\@tidx@xdypar, have some
2393 sneaky \tstidxword{paragraph} breaks that won't
2394 be suppressed.) \tstidxsym{TeX}{\TeX}'s asynchronous
2395 \if@tstidx@use@encaps
2396   \tstidxphrase[tstidxencapii]{output routine}
2397 \else
2398   \tstidxphrase{output routine}
2399 \fi
2400 can cause things to go a bit
2401 \if@tstidx@use@encaps
2402   \tstidxphrase[tstidxencapiii]{out of whack},
2403 \else
2404   \tstidxphrase{out of whack},
2405 \fi
2406 so lengthy paragraphs in this
2407 \if@tstidx@use@encaps
2408   \tstidxword[tstidxencapii]{example}
2409 \else
2410   \tstidxword{example}
2411 \fi
2412 document increase the chances of testing for these occurrences.
2413 Whether or not this particular \tstidxword{paragraph}
2414 actually spans a \tstidxphrase{page break} does, of course, depend on
2415 various things including your document \tstidxsubword{document}{properties},
2416 such as the \tstidxphrase{page dimensions}, \tstidxphrase{font family} and
2417 \tstidxphrase{font size}. If it turns out that this
2418 \if@tstidx@use@encaps
2419   \tstidxword[tstidxencapi]{paragraph}
2420 \else
2421   \tstidxword{paragraph}
2422 \fi

```

```

2423 has spanned a \tstidxphrase{page break}, you might want to check the terms
2424 indexed here to make sure they have the correct page numbers listed.
2425 Something else that you might want to check, while you're at it, is
2426 what's happened to the \tstindexsee{location list}{seealso}{cross-reference}%
2427 \tstidxword{location list} for the word
2428 \if@tstidx@use@encaps
2429   \tstidxqt{\tstidxword[tstidxencapii]{paragraph}},
2430 \else
2431   \tstidxqt{\tstidxword{paragraph}},
2432 \fi
2433 as I've used different
2434 \tstidxword{encap} values for it in various places in this
2435 \tstidxword{example}
2436 \if@tstidx@use@encaps
2437   \tstidxword[tstidxencapiii]{paragraph}.
2438 \else
2439   \tstidxword{paragraph}.
2440 \fi
2441 If you are using
2442 \tstidxapp{makeindex}, you might notice some warnings about
2443 \tstidxphrase{multiple encaps}, and the \tstidxphrase{page number}
2444 may be duplicated in the location list. If you are using
2445 \tstidxapp{xindy}, then it will discard duplicate page numbers and
2446 give preference to the first defined attribute in whatever
2447 \tstidxapp{xindy} module you're using. However, be careful if a
2448 \if@tstidx@use@encaps
2449   \tstidxword[tstidxencapi]{range}
2450 \else
2451   \tstidxword{range}
2452 \fi
2453 overlaps a different \tstidxword{encap}.
2454 Remember that there's a difference between an \tstidxword{index} and a
2455 \tstidxword{concordance}. If you just index pertinent places, there's less
2456 likelihood of conflicting encaps. This is the end of a
2457 \if@tstidx@use@encaps
2458   \tstidxword[tstidxencapiii]{paragraph}
2459 \else
2460   \tstidxword{paragraph}
2461 \fi
2462 that was written to deliberately upset \tstidxapp{makeindex}.
2463 Mean, aren't I?%
2464 }

```

```
\@tidx@par@vi
```

```

2465 \tstidxnewblock*{\@tidx@xdypar}
2466 {%
2467 On the subject of \tstidxapp{xindy}, if you want to use it with
2468 this \tstidxword{example} document, you'll need to add the
2469 \tstidxword{encap} values used in this \tstidxphrase{dummy text}

```

2470 as allowed attributes. For example, you may want to create a file
2471 called, say, `\texttt{\jobname.xdy}` that contains the following:

Can't use verbatim so fudge it.

```
2472 \begin{flushleft}\ttfamily\obeylines
2473 ; list of allowed attributes
2474 \par\medskip\par
2475 (define-attributes ((
2476   \string"tstidxencapi\string"
2477   \string"tstidxencapii\string"
2478   \string"tstidxencapiii\string"
2479 )))
2480 \par\medskip\par
2481 ; define format to use for locations
2482 \par\medskip\par
2483 (markup-locref :open \string"\string\tstidxencapi\expandafter\@gobble\string\{\stri
2484 :close \string"\expandafter\@gobble\string\}\string"
2485 :attr \string"tstidxencapi\string")
2486
2487 (markup-locref :open \string"\string\tstidxencapii\expandafter\@gobble\string\{\str
2488 :close \string"\expandafter\@gobble\string\}\string"
2489 :attr \string"tstidxencapii\string")
2490
2491 (markup-locref :open
2492 \string"\string\tstidxencapiii\expandafter\@gobble\string\{\string"
2493 :close \string"\expandafter\@gobble\string\}\string"
2494 :attr \string"tstidxencapiii\string")
2495 \end{flushleft}
2496 This sets up allowed encap values and how they should be formatted.
2497 The ordering of the allowed \tstidxword{attributes} here gives the
2498 \tstidxencapcsn{tstidxencapi} encap precedence in the
2499 event of a \tstidxphrase{multiple encaps} clash, since it's the
2500 first one in the list. You can then
2501 run \tstidxapp{xindy} using:
2502 \begin{flushleft}\ttfamily
2503 xindy -L english -C utf8 -M \jobname.xdy -M texindy -t \jobname.ilg
2504 \jobname.idx
2505 \end{flushleft}
2506 You might also want to set the location list
2507 \tstidxsubword{location list}{page separator}
2508 and the \tstidxsubword{location list}{range separator}%
2509 \tstindexsee{range separator}{see}{location list}
2510 in your \texttt{.xdy} file. For example:
2511 \begin{flushleft}\ttfamily
2512 (markup-locref-list :sep \string", \string")\par
2513 (markup-range :sep \string"\string-\string-\string")
2514 \end{flushleft}
2515 Check out the difference between using \tstidxapp{xindy} and
2516 \tstidxapp{makeindex} on this document.
2517 On the subject of location lists, the word
```

2518 `\tstidxword{passim}` (meaning `\tstidxqt{here and there}`) is
 2519 sometimes used to tidy up ragged lists. For example,
 2520 the locations `\tstidxqt{1, 3, 4, 6, 7}` may look neater as
 2521 `\tstidxqt{1-7 passim}`, which indicates references are scattered (here
 2522 and there) throughout that range.%
 2523 }

@tidx@par@vii

2524 `\tstidxnewblock`
 2525 {%
 2526 Computer algorithms can sometimes have difficulties with
 2527 `\tstidxword{localisation}`. They can be tripped up by
 2528 `\tstidxphrase{input encoding}` issues and `\tstidxwordpl{digraph}`
 2529 (such as the Welsh `\tstidxgphword{ll}{ll}{ll}` digraph in
 2530 `\tstidxgphword{llan}{llan}{llan}`,
 2531 the Dutch `\tstidxgphword{ij}{ij}{ij}` digraph in
 2532 `\tstidxgphword{lijnbu}{lijnbu}{lijnbu}` and
 2533 `\tstidxgphword{ijsvrij}{ijsvrij}{ijsvrij}`, and the
 2534 `\tstidxgphword{dz}{dz}{dz}` digraph in the Hungarian
 2535 `\tstidxgphword{dz\`eta}[dzeta]{dzéta}{dzéta}` and Polish
 2536 `\tstidxgphword{dzwon}{dzwon}{dzwon}`)
 2537 or `\tstidxwordpl{trigraph}` (such as the Hungarian `\tstidxword{dzs}`
 2538 trigraph in `\tstidxutfword{dzs\`oker}[dzsoker]{dzsóker}`
 2539 and `\tstidxword{dzsungel}\tstindexsee{dzsungel}{seealso}{trigraph}`),
 2540 so this `\tstidxword{paragraph}` is designed to provide some examples for
 2541 testing various Latin alphabets. If you enable both UTF-8 (either
 2542 with `\tstidxsty{inputenc}` or using XeLaTeX\slash LuaLaTeX) and
 2543 the `\tstidxstyopt{testidx}{digraphs}` option, then the examples above
 2544 will use the `\tstidxqt{ll}`, `\tstidxqt{ij}` and `\tstidxqt{dz}`
 2545 `\tstidxwordpl{glyph}` (`\emph{if supported}`) for the `\tstidxwordpl{digraph}`
 2546 (but not for `\tstidxqt{dzs}`, which is a
 2547 `\tstidxword{trigraph}`). Remember that you'll also need a font that
 2548 supports those glyphs.
 2549 `\iftestidxdiglyphs`
 2550 (If characters are missing from the above words, then they're not sup-
 2551 ported.)
 2551 `\fi`
 2552 Other digraphs include the Welsh `\tstidxword{dd}`, `\tstidxword{ff}`,
 2553 and `\tstidxword{ng}`, the Hungarian `\tstidxword{ly}` (in `\tstidxword{lyuk}`
 2554 mentioned earlier) and the Polish `\tstidxword{cz}`, but these
 2555 don't use glyphs in the sort value.
 2556 Now for some more `\tstidxword{nonsense}` text to pad the index.
 2557 We, the `\tstidxutfword{\`elite}[elite]{élite}` who discovered the
 2558 `\tstidxutfword{\`aesthetic}[aesthetic]{æsthetic}`
 2559 delights of `\tstidxsym{TeX}{\TeX}`, must not become
 2560 `\tstidxutfword{blas\`e}[blase]{blasé}` about being the
 2561 `\tstidxutfword{prot\`eg\`e}[protege]{protégé}`
 2562 of the great `\tstidxperson{Donald}{Knuth}`.
 2563 It may stagger the

2564 \tstidxutfword{client\`ele}[clientele]{clientèle} of
2565 \if@tstidx@use@encaps
2566 \tstidxartphrase[tstidxencapii]{the}{commercial world}
2567 \else
2568 \tstidxartphrase{the}{commercial world}
2569 \fi
2570 to discover our
2571 \tstidxutfword{r\`esum\`e}[resumee]{résumé}
2572 (after foraging for it in our natty
2573 \tstidxutfphrase{attach\`e case}[attachecase]{attaché case})
2574 while we sample a \tstidxword{vol-au-vent} or \tstidxword{two}
2575 at the \tstidxutfword{soir\`ee}[soiree]{soirée}
2576 in the \tstidxutfphrase{pied-\`a-terre}[piedaterre]{pied-à-terre}
2577 with the delightful \tstidxutfword{ph\`oe nix}[phoenix]{phœnix}-%
2578 themed \tstidxutfword{d\`ecor}[decor]{décor}, \tstidxword{daft}
2579 \tstidxword{oak} \tstidxphrase{dado rail} and
2580 \tstidxutfword{f\`ae rie}[faerie]{færie}
2581 \tstidxutfword{fa\`c\`c}ade}[facade]{façade}
2582 that has stunned
2583 many an \tstidxutfword{\`ae thereal}[aethereal]{æthereal}
2584 \tstidxutfword{d\`ebutante}[debutante]{débutante}
2585 sporting a \tstidxutfphrase{berg\`ere hat}[bergerehat]{bergère hat},
2586 but it would be \tstidxutfword{na\`ive}[naive]{naïve}
2587 to fall for such a \tstidxutfword{f\`oe tid}[foetid]{fœtid}
2588 \tstidxutfword{clich\`e}[cliche]{cliché}.
2589 This \tstidxword{paragraph} is in a state of
2590 \tstidxutfword{d\`eshabill\`e}[deshabille]{deshabillé}.
2591 Like a \tstidxword{sculpture} of \tstidxword{Venus} in a
2592 \tstidxutfword{n\`eglig\`ee}[negligee]{négligée}, it's transparently
2593 obvious that this \tstidxword{paragraph} is provided for the sole pur-
pose of
2594 \tstidxword{ogling}\tstindexsee{gawping}{see}{ogling}
2595 \tstidxphrase{extended Latin characters} and testing
2596 how \tstidxapp{xindy} and \tstidxapp{makeindex} compare.
2597 Time for a quick trip to the \tstidxutfword{caf\`e}[cafe]{café}
2598 for an \tstidxutfword{an\`ae mic}[anaemic]{anæmic}
2599 \tstidxphrase{cup of tea} (to \tstidxword{recover} from our travels) with
2600 \tstidxutfperson{Anders Jonas}{\AA ngstr\`om}[AndersJonasAngstrom] %
2601 {Anders Jonas}{Ångström} (but don't let it scald your
2602 \tstidxutfword{\`oe sophagus}[oesophagus]{œsophagus})
2603 and then off to find a \tstidxword{zoo}
2604 in \tstidxutfplace{\`Osterg\`otland}[Ostergotland]{Östergötland},
2605 so we can get to the end of the \tstidxword{alphabet}. (We may even
2606 see an adventurous \tstidxword{aardvark} or
2607 a lucky \tstidxgphword{llama}{llama}{llama} or a
2608 \tstidxword{rhinoceros} eating \tstidxword{rhubarb}.) Perhaps
2609 then we should go over to
2610 \tstidxutfplace{\`Angelholm}[Angelholm]{Ängelholm}
2611 and head off across the

2612 \tstidxutfplace{\O resund}[Oresund]{Øresund} bridge and
2613 \tstidxword{resume} our search for some more examples.
2614 We'll go on a \tstidxphrase{whistle-stop tour} around
2615 \tstidxutfplace{T\r{a}rnby}[Tarnby]{Tårnby},
2616 \tstidxutfplace{R\o dovre}[Rodovre]{Rødovre},
2617 \tstidxutfplace{N\ae stved}[Naestved]{Næstved} and
2618 \tstidxutfplace{\O lstykke-Stenl\o se}[OlstykkeStenlose]{Ølstykke-Stenløse}.
2619 Afterwards, we'll \tstidxword{fly} to
2620 \tstidxplace{Poland} (possibly in an \tstidxword{aeroplane}\tstidxdash
2621 if passengers would like to look out of their \tstidxword{window}, they'll
2622 see we're passing over
2623 \tstidxutfplace{A\ss lar}[Asslar]{Aßlar} and
2624 \tstidxutfplace{Bad Gottleuba-Berggie\ss h\"ubel}[BadGottleubaBerggiesshubel]{Bad
tleuba-Berggießhübel})
2625 and then we'll say
2626 \tstidxqt{\tstidxutfword{cze\s\'c}[czesc]{cześć} to
2627 \tstidxutfplace{\L\'od\'z}[Lodz]{Łódź}, and visit
2628 \@tstidx@if@notOT@ne
2629 {%
2630 \tstidxutfplace{\'Swi\k{e}tokrzyskie}[Swietokrzyskie]{Świętokrzyskie}%
2631 \ifxetex
2632 \else
2633 \ifluatex
2634 \else
2635 \space(that one will cause a problem for certain font encodings
2636 because of the \tstidxword{ogonek} and
2637 will be omitted if you use the default
2638 \tstidxsubword{font encoding}{OT1}
2639 encoding, but not if you use the \tstidxsty{fontenc}
2640 package\tstindexstysee{fontenc}{seealso}{inputenc} with,
2641 for example, the \tstidxstyopt{fontenc}{T1} option)%
2642 \fi
2643 \fi,
2644 }%
2645 {%
2646 [a place with an \tstidxword{ogonek} has been omitted because this doc-
ument
2647 is using the default \tstidxsubword{font encoding}{OT1} font
2648 encoding\tstidxdash try loading the \tstidxsty{fontenc}
2649 package\tstindexstysee{fontenc}{seealso}{inputenc} with the
2650 \tstidxstyopt{fontenc}{T1} option],
2651 }%
2652 \tstidxutfplace{\.Zory}[Zory]{Żory},
2653 \tstidxutfplace{\.Zelech\'ow}[Zelechow]{Żelechów},
2654 \tstidxutfplace{\L obez}[Lobez]{Łobez},
2655 \tstidxutfplace{G\l og\'ow}[Glogow]{Głogów}
2656 (not to be confused with \tstidxplace{Glasgow}),
2657 \tstidxutfplace{\'Cmiel\'ow}[Cmielow]{Ćmielów},
2658 \tstidxutfplace{\'Scinawa}[Scinawa]{Ścinawa}

```

2659 and
2660 \tstidxutfplace{'Swidnica}[Swidnica]{Świdnica}.
2661 Then let's \tstidxword{sail} to \tstidxplace{Iceland} (possibly in
2662 a \tstidxword{ship}) and visit the lakes of
2663 \tstidxplace{Iceland}, such as
2664 \tstidxutfplace{"Olvesvatn}[Olvesvatn]{Ölvesvatn},
2665 \tstidxutfplace{'Ulfsvatn}[Ulfsvatn]{Úlfsvatn},
2666 \tstidxutfplace{'Anavatn}[Anavatn]{Ánavatn},
2667 \tstidxutfplace{M'asvatn}[Masvatn]{Másvatn},
2668 \@tstidx@if@notOT@ne
2669 {%
2670 \tstidxutfplace{\TH r'\{i}hyrningsvatn}[Thrihyrningsvatn]{Þríhyrningsvatn}
2671 (that one starts with a
2672 \tstidxutfword{thorn (\th)}[thorn]{thorn (p)}%
2673 \tstindexutfsee{\th}{p}[thornletter]{see}[thorn]{thorn (\th)}{thorn (p)}),
2674 \tstidxutfplace{Sigr'\{i}dh arsta\dh avatn}[Sigridharstadhavatn]{Sigríðarstaða}
2675 (that one has an \tstidxutfword{eth (\dh)}[eth]{eth (ð)}%
2676 \tstindexutfsee{\dh}{ð}[ethletter]{see}[eth]{eth (\dh)}{eth (ð)}%
2677 \ifxetex
2678 )%
2679 \else
2680 \ifluatex
2681 )%
2682 \else
2683 \tstidxdash those last two will also be omitted if you use the de-
fault
2684 \tstidxword{OT1} \tstidxword{font encoding})%
2685 \fi
2686 \fi,
2687 }%
2688 {%
2689 [a couple of lakes with a \tstidxword{thorn} and an
2690 \tstidxword{eth} have been omitted because this document is using the
2691 default \tstidxword{OT1} \tstidxword{font encoding}\tstidxdash try load-
ing
2692 \tstidxsty{fontenc} with the \tstidxstyopt{fontenc}{T1} option],
2693 }%
2694 \tstidxutfplace{Gr\ae navatn}[Graenavatn]{Grænavatn},
2695 \tstidxutfplace{'Arnesl'on}[Arneslon]{Árneslón}
2696 and
2697 \tstidxutfplace{'Ish'olsvatn}[Isholsvatn]{Íshólsvatn}.
2698 If you are using this with \tstidxapp{xindy} and
2699 \tstidxword{UTF-8}, try this out with a different language option,
2700 for example \tstidxappopt{xindy}{-L swedish} or
2701 \tstidxappopt{xindy}{-L danish} or \tstidxappopt{xindy}{-L german-duden} or
2702 \tstidxappopt{xindy}{-L german-din5007} or \tstidxappopt{xindy}{-L pol-
ish} or
2703 \tstidxappopt{xindy}{-L icelandic}.
2704 \@tstidx@ifgerman

```

```

2705 {I notice you've use the \tstidxstyopt{testidx}{german} or
2706 \tstidxstyopt{testidx}{ngerman} package option. This means that if you want
2707 to use \tstidxapp{makeindex} instead of \tstidxapp{xindy}, you can
2708 use \tstidxapp{makeindex}'s \tstidxappopt{makeindex}{-g} option.%
2709 }%
2710 {%
2711 If you want to use \tstidxapp{makeindex} instead of
2712 \tstidxapp{xindy}, then the package option \tstidxstyopt{testidx}{german} or
2713 \tstidxstyopt{testidx}{ngerman} will allow you to use
2714 \tstidxapp{makeindex}'s \tstidxappopt{makeindex}{-g} option.%
2715 }%
2716 \@tstidx@ifutfviii
2717 {%
2718 \ifxetex
2719 \else
2720 \ifluatex
2721 \else
2722 \@tidx@sanitizernote
2723 \fi
2724 \fi
2725 }%
2726 { No UTF-8 support has been detected for this document.\@tidx@stripaccentsnote}%
2727 }

```

@sanitizernote

```

2728 \newcommand{\@tidx@sanitizernote}{%
2729 \space You currently have the
2730 \@tstidx@ifsanitize
2731 {\tstidxstyopt{testidx}{sanitize} option on.
2732 This means that the words containing \tstidxword{UTF-8} characters will
2733 first be sanitized before being passed to \tstidxcs{tstindex}, which
2734 will allow you to test how well the \tstidxphrase{indexing applica-
2735 tion}
2736 sorts \tstidxword{UTF-8} characters. If you'd rather test how
2737 \tstidxcs{index} writes these characters to the file read by the
2738 indexing application, use the \tstidxstyopt{testidx}{nosanitize}
2739 option instead. This may cause the \tstidxword{UTF-8} characters to be
2740 written in terms of \tstidxcs{IeC}.%
2741 }%
2742 {\tstidxstyopt{testidx}{nosanitize} option on.
2743 This means that the words containing \tstidxword{UTF-8} characters
2744 may be written to the file processed by the
2745 \tstidxphrase{indexing application} in terms of
2746 \tstidxcs{IeC}. This allows you to test how \tstidxcs{index} behaves.
2747 If you'd rather test how the indexing application sorts
2748 \tstidxword{UTF-8} characters, use the \tstidxstyopt{testidx}{sanitize}
2749 option instead, which will sanitize the \tstidxword{UTF-8} characters
2750 before passing them to \tstidxcs{tstindex}.%
2751 }%

```


2751 }

stripaccentsnote

```
2752 \newcommand{\@tidx@stripaccentsnote}{%
2753 \space The \tstidxstyopt{testidx}{stripaccents} package option will
2754 effectively do, for example,
2755 \texttt{\string\index\char`\{elite@\string\'elite\char`\}}
2756 whereas the
2757 \tstidxstyopt{testidx}{nostripaccents} package option will
2758 effectively do, for example,
2759 \texttt{\string\index\char`\{\string\'elite\char`\}}.
2760 These options have no effect in UTF-8 mode.%
2761 }
```

tidx@par@viii

```
2762 \tstidxnewblock
2763 {%
2764 Don't forget there's also a \tstidxphrase{number group}, so let's
2765 have some numbers.
2766 \tstidxartbook{The}{Hitchhiker's Guide to the Galaxy} has
2767 of course propelled the number \tstidxnumber{42} to stardom, as the
2768 answer to \tstidxword{life}, the \tstidxword{universe} and
2769 everything. We usually deal in base~\tstidxnumber{10}, but sometimes
2770 base~\tstidxnumber{16} is useful to programmers, and computers
2771 prefer base~\tstidxnumber{2} (and \tstidxnumber{2} is the only
2772 \tstidxword{even} \tstidxword{prime number}). A \tstidxword{century} in
2773 \tstidxword{cricket} means \tstidxnumber{100} runs, and in the
2774 \tstidxword{calendar} \tstidxnumber{100} years.
2775 \@tidx@numberlettergroup
2776 Whilst we're on the subject of numbers, let's try out some
2777 equations.
2778 \begin{equation}
2779 \tstidxmath{E}{E} = mc^2
2780 \end{equation}
2781 \@tstidx@ifamsmath
2782 {%
2783 Since this document is using \tstidxsty{amsmath}, let's try out
2784 the \tstidxenv{align} environment:
2785 \begin{align}
2786 \tstidxmath{f(x)}[fx]{f(\protect\vec{x})} &=
2787 \tstidxmathsym{\alpha}{\protect\alpha}
2788 \tstidxmathsym{\sum}{\protect\sum}_i^{\tstidxmath{n}{n}} x_i
2789 +\tstidxmathsym{\beta}{\protect\beta} \sum_i^n x_i^2
2790 +\tstidxmathsym{\gamma}{\protect\gamma} \\
2791 \frac{\tstidxmathsym{\partial}{\protect\partial}f}{\partial x_j} &=
2792 \alpha + 2\beta x_j
2793 \end{align}
2794 \@tidx@scriptnote
2795 If this document hadn't loaded the \tstidxsty{amsmath} package,
```

```

2796 we would have had to use the \tstidxenv{eqnarray} environment
2797 instead.
2798 }%
2799 {%
2800 This document doesn't load the \tstidxsty{amsmath} package, so
2801 let's try out the \tstidxenv{eqnarray} environment:
2802 \begin{eqnarray}
2803 \tstidxmath{f(x)}{f(\protect\vec{x})} &=&
2804 \tstidxmathsym{\alpha}{\protect\alpha}
2805 \tstidxmathsym{\sum}{\protect\sum}_i^{\tstidxmath{n}{n}} x_i
2806 +\tstidxmathsym{\beta}{\protect\beta} \sum_i^n x_i^2
2807 +\tstidxmathsym{\gamma}{\protect\gamma} \\
2808 \frac{\tstidxmathsym{\partial}{\protect\partial}f}{\partial x_j} &=&
2809 \alpha + 2\beta x_j
2810 \end{eqnarray}
2811 \@tidx@scriptnote
2812 If you load the \tstidxsty{amsmath} package, we'll test the
2813 \tstidxenv{align} environment instead.
2814 }%
2815 Incidentally, that's just a regular partial derivative symbol
2816 $\tstidxmathsym{\partial}{\protect\partial}$. Not to be confused
2817 with the spin-weighted partial derivative
2818 \@tidx@ifamssymb{$\tstidxmathsym{\eth}[spinderiv]{\protect\eth}$,
2819 which can be displayed here as this document has loaded the
2820 \tstidxsty{amssymb} package}
2821 {[you need the \tstidxsty{amssymb} package for that symbol]}.
2822 \@tidx@mathslettergroup
2823 \iftestidxprefix
2824 I've done something similar with the \tstidxwordpl{marker} where I've used
2825 \texttt{\tstidxindexmarkerprefix} as the \tstidxword{prefix}.%
2826 \else
2827 With the prefixes on I can also do something similar with the
2828 \tstidxwordpl{marker} where I'll use
2829 \texttt{\tstidxindexmarkerprefix} as the \tstidxword{prefix}.%
2830 \fi
2831 }

```

dx@scriptnote

```

2832 \newcommand{\@tidx@scriptnote}{%
2833 (Note how the subscripts and superscripts can be affected
2834 by material inserted between the symbol and the sub- and
2835 superscripts.)
2836 }

```

erlettergroup

```

2837 \newcommand*{\@tidx@numberlettergroup}{%
2838 If you're using \tstidxapp{xindy}, you can provide a numbers group
2839 by adding the following to your \texttt{.xdy} module:
2840 \begin{flushleft}\ttfamily

```

```

2841 (define-letter-group \string"Numbers\string"\par
2842   \string:prefixes (\string"0\string" \string"1\string" \string"2\string"
2843 \string"3\string" \string"4\string" \string"5\string"
2844 \string"6\string" \string"7\string" \string"8\string"
2845 \string"9\string")\par
2846   \string:before \string"A\string")
2847 \end{flushleft}
2848 }

```

hslettergroup

```

2849 \newcommand*{\@tidx@mathslettergroup}{%
2850 \iftestidxprefix
2851   Now I've been a bit fancy here and inserted
2852   \texttt{\tstidxmathsymprefix} in front of
2853   the sort key so I can get \tstidxapp{xindy} to create a special
2854   group for the maths symbols. Here's
2855   \else
2856   This document has used the \tstidxstyopt{testidx}{noprefix}
2857   package option, which has switched of the sort prefixes.
2858   If you use the \tstidxstyopt{testidx}{prefix} option I can be a
2859   bit fancy here and insert
2860   \texttt{\tstidxmathsymprefix} in front of
2861   the sort key so I can get \tstidxapp{xindy} to create a special
2862   group for the maths symbols. When you switch on the prefixes here's
2863   \fi
2864 the code you can add to your \texttt{.xdy} file to implement it:
2865 \begin{flushleft}\ttfamily
2866 (define-letter-group \string"Maths\string"
2867   \string:prefixes (\string"\tstidxmathsymprefix\string")
2868   \string:before \string"Numbers\string")
2869 \end{flushleft}
2870 }

```

\@tidx@par@ix

```

2871 \tstidxnewblock*{\@tidx@closerangepar}%
2872 {%

```

This isn't really a UTF-8 word but it needs a different label to avoid clashing with "recover".

```

2873 Let's \tstidxutfword{re-cover}[reecover]{re-cover} old ground and
2874 talk about ranges again.
2875 This is the end of the \tstidxcloseword{range}
2876 \tstidxword{example} from \tstidxword{block}~\@tidx@openrangepar.
2877 There's not much else to say about this \tstidxword{block} really.
2878 It's quite boring, isn't it? However, you'll need it if you've
2879 included block~\@tidx@openrangepar. Unless you're testing for
2880 a mis-matched range, of course. That might be quite interesting,
2881 possibly, but I'm not going to \tstidxphrase{hold my breath}.%
2882 }

```

\@tidx@par@x

```

2883 \tstidxnewblock
2884 {%
2885   Now this is going to be hard to believe\tstidxdash in fact I'm
2886   totally \tstidxword{gobsmacked} and utterly \tstidxword{astounded}
2887   \tstidxdash but I've discovered that we're still missing some
2888   \tstidxphrase{letter groups}, and I've run out of anything
2889   \tstidxword{quaint} to say, so I'm going to have to
2890   \tstidxword{yatter} for a while longer, which will probably make
2891   you \tstidxword{yawn} and fall \tstidxword{asleep}.
2892   What shall we talk about? My \tstidxword{quirky}
2893   \tstidxword{badinage} is about to \tstidxword{expire}. How about a
2894   \tstidxword{story}? Here's one I made up for my friend
2895   \tstidxperson{Paulo}{Cereda} in \tstidxsym{TeX}{\TeX}.SE chat because he likes
2896   ducks and is the creator of \tstidxapp{arara}.
2897   So, are you sitting comfortably? Then let's \tstidxword{begin}. By the way,
2898   before I \tstidxword{forget}, it's called
2899   \tstidxbook{Sir Quackalot and the Golden Arara} and is the
2900   first story in
2901   \tstidxartbook{The}{Adventures of Sir Quackalot}.
2902   It's a \tstidxword{tale} of \tstidxword{adventure} and
2903   \tstidxword{derring-do}. The \tstidxword{hero} of the
2904   \tstidxword{story} is \tstidxperson{Sir}{Quackalot}, in case you
2905   can't tell from the \tstidxword{title}.
2906   \tstidxphrase{Once upon a time}, a long time ago in
2907   \tstidxartphrase{a}{far away land}, there lived a
2908   \tstidxword{knight}. He was \tstidxword{handsome}, he was
2909   \tstidxword{bold}, he was \tstidxword{brave}.
2910   He was\tstidxdash a \tstidxword{duck}. His \tstidxword{name} was
2911   \tstidxperson{Sir}{Quackalot}.
2912   One day \tstidxperson{the}{Fairy Goose} appeared.
2913   \tstidxqt{Brave \tstidxword{knight},} she said. \tstidxqt{A terrible
2914   \tstidxword{plight} has fallen on
2915   the \tstidxword{land}. The evil \tstidxword{OgRe} has stolen
2916   \tstidxartphrase{the}{Golden Arara}. Only you can save it.}
2917   (That's a \tstidxword{reference} to
2918   \tstidxsym{TeX}{\TeX}'s \tstidxphrase{output routine}, if you missed it.)
2919   \tstidxqt{It will be a \tstidxword{perilous} \tstidxword{quest}, but find
2920   \tstidxartphrase{the}{Mighty Helm of Knuth} and
2921   \tstidxartphrase{the}{Legendary Sword} \tstidxword{xor} to aid you.} (Ask
2922   \tstidxperson{David}{Carlisle} about the \tstidxword{xor}
2923   \tstidxword{reference}.)%
2924 }

```

```
\@tidx@par@xi
```

```

2925 \tstidxnewblock
2926 {%
2927   So \tstidxperson{Sir}{Quackalot} set out on his \tstidxword{quest}.
2928   (This is the \tstidxword{continuation} from
2929   the previous \tstidxword{block}, for any \tstidxword{newcomers}

```

2930 who have just turned up.) He soon arrived at
2931 \tstidxartphrase{the}{Bog of Eternal Glossaries} (that's a
2932 reference to my \tstidxsty{glossaries} package, and it's also a
2933 \tstidxword{nod} to \tstidxartplace{the}{Bog of Eternal Stench} in
2934 \tstidxfilm{Labyrinth}), in the
2935 \tstidxword{centre} (or \tstidxword{center} for those of you
2936 \tstidxphrase{across the pond}) of which was
2937 suspended \tstidxartphrase{the}{Mighty Helm of Knuth}, but
2938 \tstidxperson{Sir}{Quackalot} was learned in the \tstidxword{lore} of
2939 installing \tstidxapp{Perl} and was able to leap upon the \tstidxword{magical}
2940 \tstidxword{raft} \tstidxapp{makeglossaries} and steer his way through the
2941 \tstidxword{external} \tstidxphrasepl{indexing application} and their many
2942 arguments. (That's supposed to be a \tstidxword{pun}, but it's
2943 \tstidxphrase{bad form} to explain the \tstidxword{joke}, and it
2944 wasn't even particularly \tstidxword{witty}.

2945 Incidentally, \tstidxperson{Joseph}{Wright} makes a
2946 \tstidxword{cameo} at this point with the
2947 \tstidxword{exclamation} \tstidxqt{fetchez la vache!}\ but you'll have to
2948 ask \tstidxperson{Paulo}{Cereda} what
2949 that's all about. It wouldn't surprise me if it had something to
2950 do with \tstidxphrase{Monty Python}.)%
2951 }

@tidx@par@xii

2952 \tstidxnewblock
2953 {%
2954 Anyway, where were we? Oh, yes. He (that's
2955 \tstidxperson{Sir}{Quackalot} we're talking about, if you've only
2956 just joined us) snatched up \tstidxartphrase{the}{Mighty Helm of Knuth} and
2957 escaped from the \tstidxword{perilous} \tstidxword{bog}. Soon he came to
2958 \tstidxartphrase{the}{Dread Vale of the Editors}, guarded
2959 at either end by the ever-quarrelling
2960 \tstidxword{leviathans} \tstidxapp{Emacs} and \tstidxapp{Vi}.

2961 As he approached the \tstidxword{vale}, Emacs uttered the
2962 \tstidxphrase{magic incantation} that
2963 sent forth \tstidxartphrase{the}{butterflies of chaos}.

2964 (I know \tstidxqt{\tstidxword{doom}} is more appropriate but,
2965 as is \tstidxphrase{common knowledge}, \tstidxword{chaos} is a
2966 \tstidxword{butterfly} \tstidxword{motif}.)%
2967 }

tidx@par@xiii

2968 \tstidxnewblock
2969 {%
2970 But \tstidxperson{Sir}{Quackalot} was protected by
2971 \tstidxartphrase{the}{Mighty Helm of Knuth} and
2972 raced past into the \tstidxword{vale}, where he found
2973 \tstidxartphrase{the}{Legendary Sword} \tstidxword{xor} in
2974 the centre of the great \tstidxsty{longtable}. (\tstidxword{Ooh}, I've started a

2975 \tstidxword{sentence} with a \tstidxword{conjunction}.
 2976 How \tstidxword{naughty} is that?)
 2977 With a great \tstidxword{leap} and a \tstidxword{bound},
 2978 \tstidxperson{Sir}{Quackalot} plucked out the \tstidxword{sword} and
 2979 headed for the far end of the \tstidxword{vale}.
 2980 Up pounced \tstidxapp{Vi} and belched forth a \tstidxword{myriad}
 2981 of \tstidxword{clones} that bore down on
 2982 \tstidxperson{Sir}{Quackalot}. But, brandishing the \tstidxword{sword}
 2983 \tstidxword{xor}, \tstidxperson{Sir}{Quackalot} sliced them down.
 2984 (There's some \tstidxword{repetition} there, but hopefully no one's
 2985 noticed. There's even more coming up in the next
 2986 \tstidxword{block}.)%
 2987 }

@tidx@par@xiv

2988 \tstidxnewblock*{\@tidx@close@testidxsty}%
 2989 {%
 2990 \tstidxperson{Sir}{Quackalot} escaped from
 2991 \tstidxartphrase{the}{Dread Vale of the Editors} and set off
 2992 up the path that led to the evil \tstidxword{OgRe}'s \tstidxword{lair}.
 2993 As \tstidxperson{Sir}{Quackalot} approached, there was a fearful
 2994 \tstidxword{roar}, and the \tstidxword{OgRe} pounced on \tstidxperson{Sir}{Quackalot}.
 2995 The brave \tstidxword{knight} raised his powerful \tstidxword{sword}
 2996 \tstidxword{xor} and brought it down on the \tstidxword{OgRe}, destroy-
 ing him.
 2997 \tstidxperson{Sir}{Quackalot} rescued \tstidxartphrase{the}{Golden Arara}
 2998 and the \tstidxword{land} was once more restored to \tstidxword{peace} and
 2999 \tstidxword{harmony} and
 3000 \tstidxwordpl{paragraph} were able to \tstidxword{span}
 3001 \tstidxphrasepl{page break} without \tstidxword{fear}.
 3002 \tstidxartphrase{The}{End}. Don't miss the next \tstidxword{thrilling}
 3003 \tstidxword{adventure} \tstidxbook{Sir Quackalot and the Hyper Lake of Doom}
 3004 where our \tstidxword{seaborne} \tstidxphrase{intrepid hero}%
 3005 \tstindexsubsee{hero}{intrepid}[hero.intrepid]{see}{intrepid hero} meets a \tstidx-
 word{quixotic}
 3006 \tstidxword{seal} with a \tstidxword{zither} (a \tstidxword{zealous}
 3007 \tstidxword{fan} of \tstidxartfilm{The}{Third Man}), a \tstidxword{youthful}
 3008 \tstidxphrase{sea lion} with a \tstidxword{magic}
 3009 \tstidxword{yo-yo}, and a \tstidxword{wily} \tstidxword{wombat}
 3010 \tstidxword{warrior} with a \tstidxword{laser-guided}
 3011 \tstidxphrase{sealant gun}. Can they defeat the
 3012 \tstidxword{villainous}, \tstidxword{zany} \tstidxword{zoologist}
 3013 sailing a \tstidxword{xebec} across the \tstidxword{sea} bearing can-
 isters of
 3014 \tstidxword{xenon}, \tstidxword{xylem} and \tstidxword{xylene}?
 3015 Oh, \tstidxword{zounds}! He's \tstidxword{ashore} wearing
 3016 a \tstidxphrase{zoot suit} and smoking a \tstidxword{zucchini}
 3017 whilst playing a \tstidxword{xylophone}.
 3018 As one \tstidxphrase{anonymous reviewer} said,

3019 it's as \tstidxword{exhilarating} as watching a \tstidxword{yuppie}
 3020 eating a \tstidxphrase{yule log} soaked in \tstidxphrase{yoghurt}.
 3021 Hmm, \tstidxword{yummy}\tstidxdash or \tstidxword{yuck}, depending
 3022 on your tastes. Don't forget to \tstidxword{check} you
 3023 have some \tstidxword{chalk} so we can write
 3024 \tstidxword{ddisgynedig} and \tstidxword{ddyrchafedig}
 3025 in \tstidxplace{Nghaerdydd} (over in \tstidxplace{Nghymru})
 3026 because I want a few more words with \tstidxwordpl{digraph},
 3027 and then we can take a \tstidxword{ffotograff} of
 3028 \tstidxplace{Ffestiniog}.%
 3029 }

\@tidx@par@xv

3030 \tstidxnewblock
 3031 {%
 3032 Oh, did I tell you about the \tstidxphrase{vice-president} who was
 3033 a \tstidxword{Viking} in a \tstidxword{vignette}? No? Well, I can't
 3034 quite remember the \tstidxword{story} myself, but it had something
 3035 to do with a \tstidxphrase{vice admiral} with a
 3036 \tstidxphrase{Victoria plum} and a \tstidxphrase{viceroy} with
 3037 a \tstidxphrase{Victoria sponge}, or was it
 3038 \tstidxphrase{vice versa}? The \tstidxphrase{vice chancellor}
 3039 preferred \tstidxword{vichysoise}.
 3040 For \tstidxphrase{letter ordering} use the \tstidxappopt{makeindex}{-
 1} option
 3041 with \tstidxapp{makeindex} or the \texttt{ord/letorder} module
 3042 with \tstidxapp{xindy} (\tstidxappopt{xindy}{-M ord/letorder}).
 3043 If you omit this, the default
 3044 \tstidxphrase{word ordering} is used. The ordering in the
 3045 \tstidxbook{Compact Oxford English Dictionary} (third edition,
 3046 revised) for these words are: vice admiral, vice chancellor, vice-president,
 3047 \tstidxword{viceregal}, viceroy, vice versa. Quick
 3048 \tstidxword{quiz}. Can you get \tstidxapp{makeindex} or
 3049 \tstidxapp{xindy} to reproduce that order?%
 3050 }

@tidx@par@xvi

3051 \tstidxnewblock*{\@tidx@close@testidxsty}%
 3052 {%
 3053 This is the final \tstidxword{block} of dummy text
 3054 provided by the \tstidxclosesty{testidx} package. This block
 3055 contains the close of a \tstidxword{range} that was started in block~1.
 3056 Fun, wasn't it?%
 3057 }

8 Support for glossaries

This package allows the dummy text to work with the glossaries (or glossaries-extra) package. Instead of using `\index`, the entries are first defined and then used in the dummy text.

```
3058 \NeedsTeXFormat{LaTeX2e}
3059 \ProvidesPackage{testidx-glossaries}[2017/08/11 v1.1 (NLCT)]
```

`glossariespkg` By default just load glossaries.

```
3060 \newcommand*{\tstidx@glossariespkg}{glossaries}
```

Pass options to glossaries, unless glossaries has already been loaded, in which case use `\setupglossaries`

`tupglossaries`

```
3061 \@ifpackageloaded{glossaries}
3062 {%
3063   \newcommand*{\tstidx@setupglossaries}[1]{\setupglossaries{#1}}%
3064 }%
3065 {%
3066   \newcommand*{\tstidx@setupglossaries}[1]{%
3067     \PassOptionsToPackage{#1}{glossaries}%
3068   }
3069 }
```

`glossariesextra` For options specific to glossaries-extra.

```
3070 \@ifpackageloaded{glossaries-extra}
3071 {%
3072   \newcommand*{\tstidx@setupglossariesextra}[1]{\glossariesextrasetup{#1}}%
3073 }%
3074 {%
3075   \newcommand*{\tstidx@setupglossariesextra}[1]{%
3076     \PassOptionsToPackage{#1}{glossaries-extra}%
3077   }
3078 }
```

`@usemakegloss`

```
3079 \newcommand*{\tstidx@usemakegloss}{\PackageError{testidx-glossaries}{You
3080 need to put \string\tstidxmakegloss\MessageBreak in the preamble in or-
3081 der
to use\MessageBreak \string\tstidx\space with testidx-glossaries}{}}
```

Need to know whether to use `\makeglossaries`, `\makenoidxglossaries`, `\GlsXtrLoadResources`.

`tidxmakegloss`

```
3082 \newcommand*{\tstidxmakegloss}[1][[]]{%
3083   \@tstidx@ifgerman{\GlsSetQuote{+}}{}}%
3084 \tstidxdefaultmakegloss
3085 }
```


Similarly for displaying the glossary.

intglossaries

```
3086 \newcommand*\tstidxprintglossaries{\printglossaries}
```

Similarly for displaying the glossary.

printglossary

```
3087 \newcommand*\tstidxprintglossary{\printglossary}
```

stidxtexfiles

```
3088 \newcommand*\tstidxtexfiles{testidx-glossaries-samples,\tstidxglyphfile}
```

xbasebibfiles

```
3089 \newcommand*\tstidxbasebibfiles{testidx-glossaries-samples}
```

asciibibfiles

```
3090 \newcommand*\tstidxasciibibfiles{testidx-glossaries-samples-ascii}
```

dxutfbibfiles

```
3091 \newcommand*\tstidxutfbibfiles{testidx-glossaries-samples-utf8}
```

dxloadsamples **Set up \tstidxmakegloss to use \makenoidxglossaries (use T_EX to sort and collate).**

```
3092 \newcommand*\tstidxloadsamples{%  
3093 \@for\tstidxfile:=\tstidxtexfiles\do{\input{\tstidxfile}}%  
3094 \renewcommand*\tstidx@usemakegloss{}%  
3095 }
```

aultmakegloss **Set up \tstidxmakegloss to use \makeglossaries (either makeindex or xindy).**

```
3096 \newcommand*\tstidxdefaultmakegloss{%  
3097 \makeglossaries  
3098 \tstidxloadsamples  
3099 }
```

oidxmakegloss **Set up \tstidxmakegloss to use \makenoidxglossaries (use T_EX to sort and collate).**

```
3100 \newcommand*\tstidxnoidxmakegloss{%  
3101 \makenoidxglossaries  
3102 \tstidxloadsamples  
3103 }
```

xbibmakegloss

```
3104 \newcommand*\tstidxbibmakegloss[1]{%  
3105 \def\@tstidx@resourceargs{}%  
3106 \@tstidx@ifutfviii  
3107 {%  
3108 \def\@tstidx@resource@src{\tstidxbasebibfiles,%  
3109 \tstidxutfbibfiles,%  
3110 \tstidxglyphfile-utf8}%
```

```

3111 }%
3112 {%
3113   \def\@tstidx@resource@src{\tstidxbasebibfiles,%
3114     \tstidxasciibibfiles,%
3115     testidx-glossaries-nodiglyphs}%
3116 }%
3117 \if@tstidx@setdescription
3118   \if@tstidx@useglseekey
3119     \def\@tstidx@resourceargs{selection={recorded and deps and see}}%
3120   \else
3121     \def\@tstidx@resourceargs{ignore-fields={see,seealso}}%
3122   \fi
3123 \else
3124   \if@tstidx@useglseekey
3125     \def\@tstidx@resourceargs{%
3126       selection={recorded and deps and see},
3127       ignore-fields={description}}%
3128   \else
3129     \def\@tstidx@resourceargs{%
3130       ignore-fields={description,see,seealso}}%
3131   \fi
3132 \fi
3133 \iftestidxprefix
3134   \tstidxloadglsresource{src={testidx-glossaries-mathsym},%
3135     group={Maths},sort={letter-case},\@tstidx@resourceargs}%
3136   \tstidxloadglsresource{src={testidx-glossaries-markers},%
3137     group={Markers},sort={letter-case},\@tstidx@resourceargs}%
3138   \iftstidxnumbergroup
3139     \tstidxloadglsresource{src={testidx-glossaries-numbers},%
3140       sort={integer},\@tstidx@resourceargs}%
3141     \tstidxloadglsresource{src={\@tstidx@resource@src},%
3142       \@tstidx@resourceargs,#1}%
3143   \else
3144     \tstidxloadglsresource{src={testidx-glossaries-numbers},%
3145       \@tstidx@resource@src},%
3146     \@tstidx@resourceargs,#1}%
3147   \fi
3148 \else
3149   \iftstidxnumbergroup
3150     \tstidxloadglsresource{src={testidx-glossaries-numbers},%
3151       sort={integer},\@tstidx@resourceargs}%
3152     \tstidxloadglsresource{%
3153       src={testidx-glossaries-mathsym,%
3154         testidx-glossaries-markers,%
3155         \@tstidx@resource@src},%
3156       \@tstidx@resourceargs,#1}%
3157   \else
3158     \tstidxloadglsresource{%
3159       src={testidx-glossaries-mathsym,%

```

```

3160             testidx-glossaries-markers,%
3161             testidx-glossaries-numbers,%
3162             \@tstidx@resource@src},%
3163             \@tstidx@resourceargs,#1}%
3164     \fi
3165 \fi
3166 \renewcommand*{\tstidx@usemakegloss}{}%
3167 }

```

adglsresource

```

3168 \newcommand{\tstidxloadglsresource}[1]{%
3169     \iftestidxverbose
3170     \PackageInfo{testidx-glossaries}{\string\GlsXtrLoadResources[#1]}%
3171     \fi
3172     \GlsXtrLoadResources[#1]%
3173 }

```

Determine whether to use the see (and seealso) key or \glssee.

@useglsseekey

```

3174 \newif\iftstidx@useglsseekey
3175 \@tstidx@useglsseekeytrue

3176 \DeclareOption{seekey}{\@tstidx@useglsseekeytrue}
3177 \DeclareOption{noseekey}{\@tstidx@useglsseekeyfalse}

```

Determine whether to provide descriptions for the sample entries.

etdescription

```

3178 \newif\iftstidx@setdescription
3179 \@tstidx@setdescriptionfalse

3180 \DeclareOption{desc}{\@tstidx@setdescriptiontrue}
3181 \DeclareOption{nodesc}{\@tstidx@setdescriptionfalse}

```

Load glossaries-extra:

```

3182 \DeclareOption{extra}{\renewcommand*{\tstidx@glossariespkg}{glossaries-
extra}}

```

Don't load glossaries-extra:

```

3183 \DeclareOption{noextra}{\renewcommand*{\tstidx@glossariespkg}{glossaries}}

```

x@ifusebibgls **Determine if the bib2gls option was used.**

```

3184 \newcommand*{\@tstidx@ifusebibgls}[2]{#2}

```

Use makeindex:

```

3185 \DeclareOption{makeindex}{%
3186     \let\tstidx@ifusebibgls\@secondoftwo
3187     \tstidx@setupglossaries{makeindex}%
3188     \renewcommand*{\tstidxmakegloss}[1][[]]{%

```

```

3189 \let\@tstidx@ifgerman{\GlsSetQuote{+}}{}%
3190 \tstidxdefaultmakegloss
3191 }%
3192 \renewcommand*\tstidxprintglossaries{\printglossaries}%
3193 \renewcommand*\tstidxprintglossary{\printglossary}%
3194 }

```

Use xindy:

```

3195 \DeclareOption{xindy}{%
3196 \let\@testidx@ifusebibgls\@secondoftwo
3197 \tstidx@setupglossaries{xindy}%
3198 \renewcommand*\tstidxmakegloss}[1][[]]{%
3199 \tstidxdefaultmakegloss
3200 }%
3201 \renewcommand*\tstidxprintglossaries{\printglossaries}%
3202 \renewcommand*\tstidxprintglossary{\printglossary}%
3203 }

```

Use TeX:

```

3204 \DeclareOption{tex}{%
3205 \let\@testidx@ifusebibgls\@secondoftwo
3206 \renewcommand*\tstidxmakegloss}[1][[]]{%
3207 \tstidxnoidxmakegloss
3208 }%
3209 \renewcommand*\tstidxprintglossaries{\printnoidxglossaries}%
3210 \renewcommand*\tstidxprintglossary{\printnoidxglossary}%
3211 }

```

Use bib2gls (requires glossaries-extra):

```

3212 \DeclareOption{bib2gls}{%
3213 \renewcommand*\tstidx@glossariespkg}{glossaries-extra}%
3214 \let\@testidx@ifusebibgls\@firstoftwo
3215 \tstidx@setupglossariesextra{record}%
3216 \renewcommand*\tstidxmakegloss}[1][[]]{%
3217 \tstidxbibmakegloss{#1}%
3218 }%
3219 \renewcommand*\tstidxprintglossaries{\printunsrtglossaries}%
3220 \renewcommand*\tstidxprintglossary{\printunsrtglossary}%
3221 }

```

Indicate that \tstidxmakegloss won't be used:

```

3222 \DeclareOption{manual}{%
3223 \renewcommand*\tstidx@usemakegloss}{}%
3224 \renewcommand*\tstidxmakegloss}[1][[]]{%
3225 \PackageWarning{testidx-glossaries}{\string\tstidxmakegloss\space
3226 disabled by `manual' package option}%
3227 }%
3228 \renewcommand*\tstidxprintglossaries{%
3229 \PackageWarning{testidx-glossaries}{\string\tstidxprintglossaries\space
3230 disabled by `manual' package option}%
3231 }%

```

```

3232 \renewcommand*{\tstidxprintglossary}{%
3233   \PackageWarning{testidx-glossaries}{\string\tstidxprintglossary\space
3234     disabled by `manual' package option}%
3235 }%
3236 }

```

dxnumbergroup

```

3237 \newif\iftstidxnumbergroup
3238 \tstidxnumbergrouptrue

3239 \DeclareOption{noglsnumbers}{\tstidxnumbergroupfalse}
3240 \DeclareOption{glsnumbers}{\tstidxnumbergrouptrue}

```

Pass remaining options to testidx:

```

3241 \DeclareOption*{\PassOptionsToPackage{\CurrentOption}{testidx}}

```

Process options:

```

3242 \ProcessOptions

```

Load required packages.

```

3243 \RequirePackage{testidx}

```

Pass options to glossaries according to the options passed to testidx.

```

3244 \@tstidx@ifsanitize
3245   {\tstidx@setupglossaries{sanitizesort=true}}
3246   {\tstidx@setupglossaries{sanitizesort=false}}

```

Load glossaries (or glossaries-extra, which internally loads glossaries).

```

3247 \RequirePackage{\tstidx@glossariespkg}

```

Load glossary-mcols so the default glossary style can be set to mcolindexgroup.

```

3248 \RequirePackage{glossary-mcols}

```

Set the default style according to whether or not the entries should include descriptions.

```

3249 \if@tstidx@setdescription
3250   \setupglossaries{nopostdot=false}
3251   \setglossarystyle{indexgroup}
3252 \else
3253   \setupglossaries{nopostdot}
3254   \setglossarystyle{mcolindexgroup}
3255 \fi

```

Implement number group setting if xindy setting on.

```

3256 \ifglxindy
3257 \iftstidxnumbergroup
3258   \gls@xindy@glsnumberstrue
3259   \else
3260   \gls@xindy@glsnumbersfalse
3261 \fi
3262 \fi

```

Check if the seealso key is available:

hasseealsokey

```
3263 \newif\if@tstidx@hasseealsokey
3264 \key@ifundefined{glossentry}{seealso}%
3265 {\@tstidx@hasseealsokeyfalse}
3266 {\@tstidx@hasseealsokeytrue}
```

Check if verbose mode is on.

```
3267 \iftestidxverbose
```

@writeglsinfo If verbose mode is on write entry information to the log file.

```
3268 \appto@newglossaryentryposthook{\@tstidx@writeglsinfo}
3269 \newcommand\@tstidx@writeglsinfo{%
3270   \letcs{\@tstidx@sort}{glo@glstetoklabel{\@glo@label}@sort}%
3271   \@onelevel@sanitize\@tstidx@sort
3272   \letcs{\@tstidx@name}{glo@glstetoklabel{\@glo@label}@name}%
3273   \@onelevel@sanitize\@tstidx@name
3274   \letcs{\@tstidx@text}{glo@glstetoklabel{\@glo@label}@text}%
3275   \@onelevel@sanitize\@tstidx@text
3276   \ifcsdef{glo@glstetoklabel{\@glo@label}@parent}%
3277   {\letcs\@tstidx@parent{glo@glstetoklabel{\@glo@label}@parent}}%
3278   {\def\@tstidx@parent{}}%
3279   \PackageInfo{testidx-glossaries}{new term label={\@glo@label},
3280     \MessageBreak
3281     name={\@tstidx@name},
3282     \MessageBreak
3283     sort={\@tstidx@sort},
3284     \MessageBreak
3285     text={\@tstidx@text},
3286     \MessageBreak
3287     parent={\@tstidx@parent},
3288     \MessageBreak
3289     see={\@glo@see}%
3290     \if@tstidx@hasseealsokey
3291       , \MessageBreak
3292       seealso={\@glo@seealso}
3293     \fi
3294     \MessageBreak
3295   }%
3296 }
```

If verbose mode is on, write information if T_EX is used to sort the entries.

@sortedinsert

```
3297 \let\tstidx@org@glo@sortedinsert\@glo@sortedinsert
3298 \renewcommand{\@glo@sortedinsert}[2]{%
3299   \typeout{#2}%
3300   \tstidx@org@glo@sortedinsert{#1}{#2}%
3301 }
3302 \fi
```

Write a warning message when T_EX is about to sort the entries, so the user doesn't think the build process has hung. This is already implemented in later versions of glossaries, so check for the command that issues the message.

@sortentries

```

3303 \ifdef\glosortentrieswarning
3304 {}
3305 {%
3306 \let\tstidx@org@glo@sortentries\@glo@sortentries
3307 \renewcommand{\@glo@sortentries}[2]{%
3308 \typeout{Using TeX to sort entries---this may take a while}%
3309 \tstidx@org@glo@sortentries{#1}{#2}%
3310 }
3311 }

```

@usemakegloss

```

3312 \newcommand*{\@tstidx@usemakegloss}{\tstidx@usemakegloss}

```

\tstidxtoidx **Restore original indexing definitions.**

```

3313 \newcommand*{\tstidxtoidx}{%
3314 \renewcommand*{\@tstidx@usemakegloss}{}%
3315 \let\@tstindex\@tstidx@org@index
3316 \let\@tstidxwordpl\@tstidx@org@wordpl
3317 \let\@tstidxphrasepl\@tstidx@org@phrasepl
3318 \let\@tstidxcs\@tstidx@org@cs
3319 \let\@tstindexpost\@tstidx@org@indexpost
3320 \let\@tstindexopenpost\@tstidx@org@indexopenpost
3321 \let\@tstindexclosepost\@tstidx@org@indexclosepost
3322 \let\@tstindexpre\@tstidx@org@indexpre
3323 \let\@tstindexopenpre\@tstidx@org@indexopenpre
3324 \let\@tstindexclosepre\@tstidx@org@indexclosepre
3325 \let\@tstindexsee\@tstidx@org@indexsee
3326 \let\@tstidx@indexsubsee\@tstidx@org@indexsubsee
3327 \let\@tstidx@subindexpost\@tstidx@org@subindexpost
3328 \let\@tstidx@subindexopenpost\@tstidx@org@subindexopenpost
3329 \let\@tstidx@subindexclosepost\@tstidx@org@subindexclosepost
3330 \let\@tstidx@subindexpre\@tstidx@org@subindexpre
3331 \let\@tstidx@subindexopenpre\@tstidx@org@subindexopenpre
3332 \let\@tstidx@subindexclosepre\@tstidx@org@subindexclosepre
3333 \let\@@tstidx@subsubindexpost\@tstidx@org@subsubindexpost
3334 \let\@@tstidx@subsubindexopenpost\@tstidx@org@subsubindexopenpost
3335 \let\@@tstidx@subsubindexclosepost\@tstidx@org@subsubindexclosepost
3336 \let\@@tstidx@subsubindexpre\@tstidx@org@subsubindexpre
3337 \let\@@tstidx@subsubindexopenpre\@tstidx@org@subsubindexopenpre
3338 \let\@@tstidx@subsubindexclosepre\@tstidx@org@subsubindexclosepre
3339 \let\@tidx@par@i\@tidx@org@par@i
3340 \let\@tidx@par@ii\@tidx@org@par@ii
3341 \let\@tidx@par@iii\@tidx@org@par@iii
3342 \let\@tidx@par@iv\@tidx@org@par@iv

```

```

3343 \let\@tidx@par@vi\@tidx@org@par@vi
3344 \let\@tidx@mathslettergroup\@tidx@org@mathslettergroup
3345 \let\@tidx@numberlettergroup\@tidx@org@numberlettergroup
3346 \let\@tidx@scriptnote\@tidx@org@scriptnote
3347 \let\@tidx@sanitizernote\@tidx@org@sanitizernote
3348 \let\@tidx@stripaccentsnote\@tidx@org@stripaccentsnote
3349 }

```

`\tstidxtogls` **Switch on glossary definitions.**

```

3350 \newcommand*{\tstidxtogls}{%
3351 \renewcommand*{\@tstidx@usemakegloss}{\tstidx@usemakegloss}%
3352 \let\@tstindex\@tstidx@org@index
3353 \let\@tstidxwordpl\@tstidx@gl@wordpl
3354 \let\@tstidxphrasepl\@tstidx@gl@phrasepl
3355 \let\@tstidxcs\@tstidx@gl@cs
3356 \let\@tstindexpost\@tstidx@gl@indexpost
3357 \let\@tstindexopenpost\@tstidx@gl@indexopenpost
3358 \let\@tstindexclosepost\@tstidx@gl@indexclosepost
3359 \let\@tstindexpre\@tstidx@gl@indexpre
3360 \let\@tstindexopenpre\@tstidx@gl@indexopenpre
3361 \let\@tstindexclosepre\@tstidx@gl@indexclosepre
3362 \let\@tstindexsee\@tstidx@gl@indexsee
3363 \let\@tstidx@indexsubsee\@tstidx@gl@indexsubsee
3364 \let\@tstidx@subindexpost\@tstidx@gl@subindexpost
3365 \let\@tstidx@subindexopenpost\@tstidx@gl@subindexopenpost
3366 \let\@tstidx@subindexclosepost\@tstidx@gl@subindexclosepost
3367 \let\@tstidx@subindexpre\@tstidx@gl@subindexpre
3368 \let\@tstidx@subindexopenpre\@tstidx@gl@subindexopenpre
3369 \let\@tstidx@subindexclosepre\@tstidx@gl@subindexclosepre
3370 \let\@@tstidx@subsubindexpost\@tstidx@gl@subsubindexpost
3371 \let\@@tstidx@subsubindexopenpost\@tstidx@gl@subsubindexopenpost
3372 \let\@@tstidx@subsubindexclosepost\@tstidx@gl@subsubindexclosepost
3373 \let\@@tstidx@subsubindexpre\@tstidx@gl@subsubindexpre
3374 \let\@@tstidx@subsubindexopenpre\@tstidx@gl@subsubindexopenpre
3375 \let\@@tstidx@subsubindexclosepre\@tstidx@gl@subsubindexclosepre
3376 \let\@tidx@par@i\@tidx@gl@par@i
3377 \let\@tidx@par@ii\@tidx@gl@par@ii
3378 \let\@tidx@par@iii\@tidx@gl@par@iii
3379 \let\@tidx@par@iv\@tidx@gl@par@iv
3380 \let\@tidx@par@vi\@tidx@gl@par@vi
3381 \let\@tidx@mathslettergroup\@tidx@gl@mathslettergroup
3382 \let\@tidx@numberlettergroup\@tidx@gl@numberlettergroup
3383 \let\@tidx@scriptnote\@tidx@gl@scriptnote
3384 \let\@tidx@sanitizernote\@tidx@gl@sanitizernote
3385 \let\@tidx@stripaccentsnote\@tidx@gl@stripaccentsnote
3386 }

```

`\testidx`

```

3387 \renewcommand*{\testidx}{%

```



```

3388 \@tstidx@usemakegloss
3389 \@ifstar
3390 {%
3391   \def\@testidx@block@sep{\space}%
3392   \@testidx
3393 }%
3394 {%
3395   \def\@testidx@block@sep{\tstidxdefblocksep}%
3396   \@testidx
3397 }%
3398 }

```

tidxglyphfile

```

3399 \iftestidxdiglyphs
3400 \newcommand*\tstidxglyphfile{testidx-glossaries-diglyphs}
3401 \else
3402 \newcommand*\tstidxglyphfile{testidx-glossaries-nodiglyphs}
3403 \fi

```

tstidxnewentry

```
\tstidxnewentry{<label>}{<category>}{<key=value list>}
```

Defines a new entry. If the glossaries-extra package has been loaded, also set the category.

```

3404 \@ifpackageloaded{glossaries-extra}
3405 {
3406   \newcommand*\tstidxnewentry[3]{\newglossaryentry{#1}{category={#2},#3}}
3407 }
3408 {
3409   \newcommand*\tstidxnewentry[3]{\newglossaryentry{#1}{#3}}
3410 }

```

8.1 Indexing Command Modifications

Modify commands that index, so that they use the defined entries instead.

\@tstindex **Do nothing**

```

3411 \newcommand*\@tstidx@gls@index[1]{}
3412 \let\@tstidx@org@index\@tstindex
3413 \let\@tstindex\@tstidx@gls@index

```

\tstidxwordpl

```

3414 \newcommand*\@tstidx@gls@wordpl[2]{}
3415 {\def\tstidx@gls{\glspl}\def\tstidx@glsentry{\glsentryplural}%
3416 \tstidxword[#1]{#2}%
3417 }%
3418 }
3419 \let\@tstidx@org@wordpl\@tstidxwordpl
3420 \let\@tstidxwordpl\@tstidx@gls@wordpl

```

stidxphrasepl

```
3421 \newcommand*{\@tstidx@gls@phrasepl}[2]{%
3422   {\def\tstidx@gls{\glspl}\def\tstidx@glentry{\glentryplural}%
3423   \tstidxphrase[#1]{#2}%
3424   }%
3425 }
3426 \let\@tstidx@org@phrasepl\@tstidxphrasepl
3427 \let\@tstidxphrasepl\@tstidx@gls@phrasepl
```

\tstidxcs

```
3428 \newcommand*{\@tstidx@gls@cs}[2]{%
3429   \tstidxfmtpost{cs.#2}{\tstidxcsfmt}{#1}%
3430 }
3431 \let\@tstidx@org@cs\@tstidxcs
3432 \let\@tstidxcs\@tstidx@gls@cs
```

\tstidx@gls

```
3433 \newcommand*{\tstidx@gls}{\gls}
```

tidx@glentry

```
3434 \newcommand*{\tstidx@glentry}{\glentrytext}
```

\tstidx@label

```
3435 \newcommand*{\tstidx@label}{\glslabel}
```

\tstidx@encap

```
3436 \newcommand*{\tstidx@encap}{}
```

\tstidx@range

```
3437 \newcommand*{\tstidx@range}{}
```

idx@openrange

```
3438 \newcommand*{\tstidx@openrange}{(}
```

dx@closerange

```
3439 \newcommand*{\tstidx@closerange}{)}
```

x@levelmarker

```
3440 \newcommand*{\tstidx@levelmarker}[4]{%
3441   \ifcsdef{glo@#1@level}%
3442   {%
3443     \ifcase\csname glo@#1@level\endcsname
3444     #2\or#3\else#4%
3445     \fi
3446   }%
3447   {%
3448     #2%
3449   }%
3450 }
```

glstextformat

```
3451 \newcommand*{\tstidx@post@glstextformat}[1]{%
3452   \ifx\tstidx@encap\@empty
3453     \iftestidxshowmarks
3454       \ifx\tstidx@range\tstidx@openrange
3455         \tstidxtext{#1%
3456           \tstidx@levelmarker\tstidx@label
3457           \tstidxopenmarker
3458           \tstidxopensubmarker
3459           \tstidxopensubsubmarker
3460         }%
3461       \else
3462         \ifx\tstidx@range\tstidx@closerange
3463           \tstidxtext{#1%
3464             \tstidx@levelmarker\tstidx@label
3465             \tstidxclosemarker
3466             \tstidxclosesubmarker
3467             \tstidxclosesubsubmarker
3468           }%
3469         \else
3470           \tstidxtext{#1%
3471             \tstidx@levelmarker\tstidx@label
3472             \tstidxmarker
3473             \tstidxsubmarker
3474             \tstidxsubsubmarker
3475           }%
3476         \fi
3477       \fi
3478     \else
3479       #1%
3480     \fi
3481   \else
3482     \iftestidxshowmarks
3483       \tstidxtext{\tstidxencaptext{\tstidx@encap}{#1%
3484         \tstidx@levelmarker\tstidx@label
3485         \tstidxmarker
3486         \tstidxsubmarker
3487         \tstidxsubsubmarker
3488       }}%
3489     \else
3490       #1%
3491     \fi
3492   \fi
3493 }
```

glstextformat

```
3494 \newcommand*{\tstidx@pre@glstextformat}[1]{%
3495   \ifx\tstidx@encap\@empty
3496     \iftestidxshowmarks
```

```

3497 \ifx\@tstidx@range\tstidx@openrange
3498 \tstidx\text{%
3499 \tstidx@levelmarker\@tstidx@label
3500 \tstidxopenmarker
3501 \tstidxopensubmarker
3502 \tstidxopensubsubmarker
3503 #1}%
3504 \else
3505 \ifx\@tstidx@range\tstidx@closerange
3506 \tstidx\text{%
3507 \tstidx@levelmarker\@tstidx@label
3508 \tstidxclosemarker
3509 \tstidxclosesubmarker
3510 \tstidxclosesubsubmarker
3511 #1}%
3512 \else
3513 \tstidx\text{%
3514 \tstidx@levelmarker\@tstidx@label
3515 \tstidxmarker
3516 \tstidxsubmarker
3517 \tstidxsubsubmarker
3518 #1}%
3519 \fi
3520 \fi
3521 \else
3522 #1%
3523 \fi
3524 \else
3525 \iftestidxshowmarks
3526 \tstidx\text{\tstidxencaptext{\@tstidx@encap}{%
3527 \tstidx@levelmarker\@tstidx@label
3528 \tstidxmarker
3529 \tstidxsubmarker
3530 \tstidxsubsubmarker
3531 #1}}%
3532 \else
3533 #1%
3534 \fi
3535 \fi
3536 }

```

x@zapnonlabel

```

3537 \newcommand*\@tstidx@zapnonlabel}[2]{%
3538 \ifx,#1\@empty\else\ifx'#1\@empty\else\ifx-#1\@empty\else#1\fi\fi\fi
3539 \ifx#2\@empty
3540 \else
3541 \expandafter\@tstidx@zapnonlabel
3542 \fi
3543 #2}

```

```

tidx@getlabel
3544 \newcommand*{\tstidx@getlabel}[1]{\@tstidx@zapnonlabel#1\@empty\@empty}

```

```

x@glspreindex
3545 \newcommand*{\tstidx@glspreindex}[2][]{%
3546 \glshyperlink[\glstextformat{}]{#2}\glsadd[#1]{#2}}

```

```

@glspostindex
3547 \newcommand*{\tstidx@glspostindex}[2][]{%
3548 \glsadd[#1]{#2}\glshyperlink[\glstextformat{}]{#2}}

```

```

\tstindexpost
3549 \def\@tstidx@gls@indexpost#1#2[#3]#4#5{%
3550 \bgroup
3551 \edef\@tstidx@label{\tstidx@getlabel{#3}}%
3552 \ifx\@tstidx@label\@empty
3553 \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3554 \ifx\@tstidx@label\@empty
3555 \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3556 \fi
3557 \fi
3558 \def\@tstidx@encap{#4}%
3559 \def\@tstidx@range{}%

```

Commands like `\gls` and `\glslink` put the indexing before the text, so we need to do the display text and then use `\glsadd`. Unless we have `glossaries-extra v1.14+`, in which case this is done automatically through the `wrgloss` setting.

```

3560 \let\tstidx@org@glstextformat\glstextformat
3561 \renewcommand\glstextformat[1]{\tstidx@post@glstextformat
3562 {\tstidx@org@glstextformat{##1}}}%
3563 \ifx\relax#5\relax
3564 \ifx\@tstidx@encap\@empty
3565 \tstidx@glspostindex{\@tstidx@label}%
3566 \else
3567 \tstidx@glspostindex[format={#4}]{\@tstidx@label}%
3568 \fi
3569 \else
3570 \@ifundefined{glsxtrinitwrgloss}%
3571 {%
3572 \glshyperlink[\glstextformat{\tstidx@glstentry{\@tstidx@label}}]{%
3573 {\@tstidx@label}}%
3574 \ifx\@tstidx@encap\@empty
3575 \glsadd{\@tstidx@label}%
3576 \else
3577 \glsadd[format={#4}]{\@tstidx@label}%
3578 \fi
3579 }%
3580 {%
3581 \ifx\@tstidx@encap\@empty

```

```

3582     \tstidx@gls[wrgloss=after]{\@tstidx@label}%
3583     \else
3584     \tstidx@gls[wrgloss=after,format={#4}]{\@tstidx@label}%
3585     \fi
3586   }%
3587   \fi
3588   \egroup
3589 }
3590 \let \@tstidx@org@indexpost \@tstindexpost
3591 \let \@tstindexpost \@tstidx@gls@indexpost

```

indexopenpost

```

3592 \def \@tstidx@gls@indexopenpost#1#2[#3]#4#5{%
3593   \bgroup
3594   \edef \@tstidx@label{\tstidx@getlabel{#3}}%
3595   \ifx \@tstidx@label \@empty
3596     \edef \@tstidx@label{\tstidx@getlabel{#1}}%
3597     \ifx \@tstidx@label \@empty
3598       \edef \@tstidx@label{\tstidx@getlabel{#2}}%
3599     \fi
3600   \fi
3601   \def \@tstidx@encap{#4}%
3602   \def \@tstidx@range{ }%
3603   \let \@tstidx@org@glstextformat \glstextformat
3604   \renewcommand \glstextformat[1]{\tstidx@post@glstextformat
3605     {\tstidx@org@glstextformat{##1}}}%
3606   \ifx \relax#5 \relax
3607     \tstidx@gls@postindex[format={#4}]{\@tstidx@label}%
3608   \else
3609     \@ifundefined{glxtrinitwrgloss}%
3610     {%
3611       \glshyperlink[\glstextformat{\tstidx@glstentry{\@tstidx@label}}]%
3612       {\@tstidx@label}%
3613       \glsadd[format={#4}]{\@tstidx@label}%
3614     }%
3615     {%
3616       \tstidx@gls[wrgloss=after,format={#4}]{\@tstidx@label}%
3617     }%
3618   \fi
3619   \egroup
3620 }
3621 \let \@tstidx@org@indexopenpost \@tstindexopenpost
3622 \let \@tstindexopenpost \@tstidx@gls@indexopenpost

```

indexclosepost

```

3623 \def \@tstidx@gls@indexclosepost#1#2[#3]#4#5{%
3624   \bgroup
3625   \edef \@tstidx@label{\tstidx@getlabel{#3}}%
3626   \ifx \@tstidx@label \@empty

```

```

3627 \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3628 \ifx\@tstidx@label\@empty
3629 \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3630 \fi
3631 \fi
3632 \def\@tstidx@encap{#4}%
3633 \def\@tstidx@range{ }%
3634 \let\tstidx@org@glstextformat\glstextformat
3635 \renewcommand\glstextformat[1]{\tstidx@post@glstextformat
3636 {\tstidx@org@glstextformat{##1}}}%
3637 \ifx\relax#5\relax
3638 \tstidx@glspostindex[format={ } #4]{\@tstidx@label}%
3639 \else
3640 \@ifundefined{glxtrinitwrgloss}%
3641 {%
3642 \glshyperlink[\glstextformat{\tstidx@glstentry{\@tstidx@label}}]{%
3643 {\@tstidx@label}}%
3644 \glsadd[format={ } #4]{\@tstidx@label}%
3645 }%
3646 {%
3647 \tstidx@gls[wrgloss=after,format={ } #4]{\@tstidx@label}%
3648 }%
3649 \fi
3650 \egroup
3651 }
3652 \let\@tstidx@org@indexclosepost\@tstindexclosepost
3653 \let\@tstindexclosepost\@tstidx@gls@indexclosepost

```

\tstindexpre

```

3654 \def\@tstidx@gls@indexpre#1#2[#3]#4#5{%
3655 \bgroup
3656 \edef\@tstidx@label{\tstidx@getlabel{#3}}%
3657 \ifx\@tstidx@label\@empty
3658 \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3659 \ifx\@tstidx@label\@empty
3660 \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3661 \fi
3662 \fi
3663 \def\@tstidx@encap{#4}%
3664 \def\@tstidx@range{ }%
3665 \let\tstidx@org@glstextformat\glstextformat
3666 \renewcommand\glstextformat[1]{\tstidx@pre@glstextformat
3667 {\tstidx@org@glstextformat{##1}}}%
3668 \ifx\relax#5\relax
3669 \ifx\@tstidx@encap\@empty
3670 \tstidx@glspreindex{\@tstidx@label}%
3671 \else
3672 \tstidx@glspreindex[format={#4}]{\@tstidx@label}%
3673 \fi

```

```

3674 \else
3675   \ifx\@tstidx@encap\@empty
3676     \tstidx@gl{s}\@tstidx@label}%
3677   \else
3678     \tstidx@gl{s}[format={#4}]{\@tstidx@label}%
3679   \fi
3680 \fi
3681 \egroup
3682 }
3683 \let\@tstidx@org@indexpre\@tstindexpre
3684 \let\@tstindexpre\@tstidx@gl{s}@indexpre

```

tindexopenpre

```

3685 \def\@tstidx@gl{s}@indexopenpre#1#2[#3]#4#5{%
3686   \bgroup
3687   \edef\@tstidx@label{\tstidx@getlabel{#3}}%
3688   \ifx\@tstidx@label\@empty
3689     \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3690     \ifx\@tstidx@label\@empty
3691       \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3692     \fi
3693   \fi
3694   \def\@tstidx@encap{#4}%
3695   \def\@tstidx@range{ }%
3696   \let\tstidx@org@glstextformat\glstextformat
3697   \renewcommand\glstextformat[1]{\tstidx@pre@glstextformat
3698     {\tstidx@org@glstextformat{##1}}}%
3699   \ifx\relax#5\relax
3700     \tstidx@gl{s}preindex[format={#4}]{\@tstidx@label}%
3701   \else
3702     \tstidx@gl{s}[format={#4}]{\@tstidx@label}%
3703   \fi
3704   \egroup
3705 }
3706 \let\@tstidx@org@indexopenpre\@tstindexopenpre
3707 \let\@tstindexopenpre\@tstidx@gl{s}@indexopenpre

```

indexclosepre

```

3708 \def\@tstidx@gl{s}@indexclosepre#1#2[#3]#4#5{%
3709   \bgroup
3710   \edef\@tstidx@label{\tstidx@getlabel{#3}}%
3711   \ifx\@tstidx@label\@empty
3712     \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3713     \ifx\@tstidx@label\@empty
3714       \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3715     \fi
3716   \fi
3717   \def\@tstidx@encap{#4}%
3718   \def\@tstidx@range{ }%

```



```

3719 \let\tstidx@org@glstextformat\glstextformat
3720 \renewcommand\glstextformat[1]{\tstidx@pre@glstextformat
3721   {\tstidx@org@glstextformat{##1}}}%
3722 \ifx\relax#5\relax
3723   \tstidx@glspreindex[format={ } #4]]{\@tstidx@label}%
3724 \else
3725   \tstidx@gl[s[format={ } #4]]{\@tstidx@label}%
3726 \fi
3727 \egroup
3728 }
3729 \let\@tstidx@org@indexclosepre\@tstindexclosepre
3730 \let\@tstindexclosepre\@tstidx@gl@indexclosepre

```

\seealso

```

3731 \providecommand*\seealso{see also}

```

\seename

```

3732 \providecommand*\seename{see}

```

stidx@seealso

```

3733 \newcommand*\tstidx@seealso{seealso}

```

\tstindexsee

```

3734 \def\@tstidx@gl@indexsee#1#2#3#4[#5]#6{%
3735   \if@tstidx@useglseekey
3736   \else
3737     \bgroup
3738     \edef\@tstidx@label{\tstidx@getlabel{#3}}%
3739     \ifx\@tstidx@label\@empty
3740       \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3741       \ifx\@tstidx@label\@empty
3742         \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3743       \fi
3744     \fi
3745     \ifx\relax#5\relax
3746       \def\@tstidx@xrlabel{}%
3747       \def\@tstidx@xrlabel@sep{}%
3748       \@for\@tst@idxthis:=#6\do{%
3749         \edef\@tstidx@xrlabel{\@tstidx@xrlabel\@tstidx@xrlabel@sep
3750           \expandafter\tstidx@getlabel\expandafter{\@tst@idxthis}}%
3751         \def\@tstidx@xrlabel@sep{,}%
3752       }%
3753     \else
3754       \def\@tstidx@xrlabel{#5}%
3755     \fi
3756     \edef\@tstidx@seetag{#4}%
3757     \ifx\@tstidx@seetag\tstidx@seealso
3758       \if@tstidx@hasseealsokey
3759         \expandafter\glxstrindexseealso\expandafter\@tstidx@label\expandafter

```

```

3760         {\@tstidx@xrlabel}%
3761     \else
3762         \expandafter\glssee\expandafter[\expandafter\seealsoname
3763         \expandafter]\expandafter\@tstidx@label\expandafter{\@tstidx@xrlabel}%
3764     \fi
3765 \else
3766     \expandafter\glssee\expandafter\@tstidx@label\expandafter
3767     {\@tstidx@xrlabel}%
3768 \fi
3769 \iftestidxshowmarks
3770     \ifx\relax#5\relax
3771         \tstidxseeref{#2}{tst#4ref}{#6}%
3772     \else
3773         \tstidxseeref{#2}{tst#4ref}{#5}%
3774     \fi
3775 \fi
3776 \egroup
3777 \fi
3778 }
3779 \let\@tstidx@org@indexsee\@tstindexsee
3780 \let\@tstindexsee\@tstidx@gls@indexsee

```

tsubindexpost

```

3781 \def\@tstidx@gls@subindexpost#1#2[#3]#4#5{%
3782     \bgroup
3783     \edef\@tstidx@label{\tstidx@getlabel{#3}}%
3784     \ifx\@tstidx@label\@empty
3785         \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3786     \ifx\@tstidx@label\@empty
3787         \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3788     \fi
3789     \ifx\@tstidx@label\@empty
3790         \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3791     \fi
3792     \ifx\@tstidx@sort\empty
3793         \edef\@tstidx@label{%
3794             \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
3795             .\@tstidx@label}%
3796     \else
3797         \edef\@tstidx@label{%
3798             \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
3799             .\@tstidx@label}%
3800     \fi
3801 \fi
3802 \def\@tstidx@encap{#4}%
3803 \def\@tstidx@range{}%
3804 \let\tstidx@org@gls@textformat\gls@textformat
3805 \renewcommand\gls@textformat[1]{\tstidx@post@gls@textformat
3806     {\tstidx@org@gls@textformat{##1}}}%

```

```

3807 \ifx\relax#5\relax
3808   \ifx\@tstidx@encap\@empty
3809     \tstidx@glspostindex{\@tstidx@label}%
3810   \else
3811     \tstidx@glspostindex[format={#4}]{\@tstidx@label}%
3812   \fi
3813 \else
3814   \@ifundefined{glxtrinitwrgloss}%
3815   {%
3816     \glshyperlink[\glstextformat{\tstidx@glstentry{\@tstidx@label}}]{%
3817       {\@tstidx@label}%
3818     \ifx\@tstidx@encap\@empty
3819       \glstadd{\@tstidx@label}%
3820     \else
3821       \glstadd[format={#4}]{\@tstidx@label}%
3822     \fi
3823   }%
3824   {%
3825     \ifx\@tstidx@encap\@empty
3826       \tstidx@glst[wrgloss=after]{\@tstidx@label}%
3827     \else
3828       \tstidx@glst[wrgloss=after,format={#4}]{\@tstidx@label}%
3829     \fi
3830   }%
3831 \fi
3832 \egroup
3833 }
3834 \let\@tstidx@org@subindexpost\@tstidx@subindexpost
3835 \let\@tstidx@subindexpost\@tstidx@glst@subindexpost

```

indexopenpost

```

3836 \def\@tstidx@glst@subindexopenpost#1#2[#3]#4#5{%
3837   \bgroup
3838   \edef\@tstidx@label{\tstidx@getlabel{#3}}%
3839   \ifx\@tstidx@label\@empty
3840     \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3841   \ifx\@tstidx@label\@empty
3842     \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3843   \fi
3844   \ifx\@tstidx@sort\empty
3845     \edef\@tstidx@label{%
3846       \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
3847       .\@tstidx@label}%
3848   \else
3849     \edef\@tstidx@label{%
3850       \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
3851       .\@tstidx@label}%
3852   \fi
3853 \fi

```

```

3854 \def\@tstidx@encap{#4}%
3855 \def\@tstidx@range{ }%
3856 \let\tstidx@org@glstextformat\glstextformat
3857 \renewcommand\glstextformat[1]{\tstidx@post@glstextformat
3858   {\tstidx@org@glstextformat{##1}}}%
3859 \ifx\relax#5\relax
3860   \tstidx@glspostindex[format={#4}]{\@tstidx@label}%
3861 \else
3862   \@ifundefined{glxtrinitwrgloss}%
3863   {%
3864     \glshyperlink[\glstextformat{\tstidx@glstentry{\@tstidx@label}}]%
3865     {\@tstidx@label}%
3866     \glsadd[format={#4}]{\@tstidx@label}%
3867   }%
3868   {%
3869     \tstidx@glswrgloss=after,format={#4}]{\@tstidx@label}%
3870   }%
3871 \fi
3872 \egroup
3873 }
3874 \let\@tstidx@org@subindexopenpost\@tstidx@subindexopenpost
3875 \let\@tstidx@subindexopenpost\@tstidx@glswrgloss@subindexopenpost

```

ndexclosepost

```

3876 \def\@tstidx@glswrgloss@subindexclosepost#1#2[#3]#4#5{%
3877   \bgroup
3878   \edef\@tstidx@label{\tstidx@getlabel{#3}}%
3879   \ifx\@tstidx@label\@empty
3880     \edef\@tstidx@label{\tstidx@getlabel{#1}}%
3881     \ifx\@tstidx@label\@empty
3882       \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3883     \fi
3884     \ifx\@tstidx@sort\@empty
3885       \edef\@tstidx@label{%
3886         \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
3887         .\@tstidx@label}%
3888     \else
3889       \edef\@tstidx@label{%
3890         \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
3891         .\@tstidx@label}%
3892     \fi
3893   \fi
3894   \def\@tstidx@encap{#4}%
3895   \def\@tstidx@range{ }%
3896   \let\tstidx@org@glstextformat\glstextformat
3897   \renewcommand\glstextformat[1]{\tstidx@post@glstextformat
3898     {\tstidx@org@glstextformat{##1}}}%
3899   \ifx\relax#5\relax
3900     \tstidx@glspostindex[format={#4}]{\@tstidx@label}%

```

```

3901 \else
3902   \@ifundefined{glxtrinitwrgloss}%
3903   {%
3904     \glshyperlink[\glstextformat{\tstidx@glentry{\tstidx@label}}]%
3905     {\tstidx@label}%
3906     \glsadd[format={ } #4]]{\tstidx@label}%
3907   }%
3908   {%
3909     \tstidx@gls[wrgloss=after,format={ } #4]]{\tstidx@label}%
3910   }%
3911 \fi
3912 \egroup
3913 }
3914 \let\tstidx@org@subindexclosepost\tstidx@subindexclosepost
3915 \let\tstidx@subindexclosepost\tstidx@gls@subindexclosepost

```

stsubindexpre

```

3916 \def\tstidx@gls@subindexpre#1#2[#3]#4#5{%
3917   \bgroup
3918   \edef\tstidx@label{\tstidx@getlabel{#3}}%
3919   \ifx\tstidx@label\@empty
3920     \edef\tstidx@label{\tstidx@getlabel{#1}}%
3921     \ifx\tstidx@label\@empty
3922       \edef\tstidx@label{\tstidx@getlabel{#2}}%
3923     \fi
3924     \ifx\tstidx@sort\empty
3925       \edef\tstidx@label{%
3926         \expandafter\tstidx@getlabel\expandafter{\tstidx@term}%
3927         .\tstidx@label}%
3928     \else
3929       \edef\tstidx@label{%
3930         \expandafter\tstidx@getlabel\expandafter{\tstidx@sort}%
3931         .\tstidx@label}%
3932     \fi
3933   \fi
3934   \def\tstidx@encap{#4}%
3935   \def\tstidx@range{}%
3936   \let\tstidx@org@glstextformat\glstextformat
3937   \renewcommand\glstextformat[1]{\tstidx@pre@glstextformat
3938     {\tstidx@org@glstextformat{##1}}}%
3939   \ifx\relax#5\relax
3940     \ifx\tstidx@encap\@empty
3941       \tstidx@glspreindex{\tstidx@label}%
3942     \else
3943       \tstidx@glspreindex[format={#4}]{\tstidx@label}%
3944     \fi
3945   \else
3946     \ifx\tstidx@encap\@empty
3947       \tstidx@gls{\tstidx@label}%

```

```

3948     \else
3949     \tstidx@glS[format={#4}]{\@tstidx@label}%
3950     \fi
3951     \fi
3952     \egroup
3953 }
3954 \let \@tstidx@org@subindexpre \@tstidx@subindexpre
3955 \let \@tstidx@subindexpre \@tstidx@glS@subindexpre

```

bindindexopenpre

```

3956 \def \@tstidx@glS@subindexopenpre#1#2[#3]#4#5{%
3957   \bgroup
3958   \edef \@tstidx@label{\tstidx@getlabel{#3}}%
3959   \ifx \@tstidx@label \@empty
3960     \edef \@tstidx@label{\tstidx@getlabel{#1}}%
3961     \ifx \@tstidx@label \@empty
3962       \edef \@tstidx@label{\tstidx@getlabel{#2}}%
3963     \fi
3964     \ifx \@tstidx@sort \@empty
3965       \edef \@tstidx@label{%
3966         \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
3967         .\@tstidx@label}%
3968     \else
3969       \edef \@tstidx@label{%
3970         \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
3971         .\@tstidx@label}%
3972     \fi
3973   \fi
3974   \def \@tstidx@encap{#4}%
3975   \def \@tstidx@range{ }%
3976   \let \@tstidx@org@glstextformat \@glstextformat
3977   \renewcommand \@glstextformat[1]{\tstidx@pre@glstextformat
3978     {\tstidx@org@glstextformat{##1}}}%
3979   \ifx \relax#5\relax
3980     \tstidx@glS@preindex[format={#4}]{\@tstidx@label}%
3981   \else
3982     \tstidx@glS[format={#4}]{\@tstidx@label}%
3983   \fi
3984   \egroup
3985 }
3986 \let \@tstidx@org@subindexopenpre \@tstidx@subindexopenpre
3987 \let \@tstidx@subindexopenpre \@tstidx@glS@subindexopenpre

```

indexclosepre

```

3988 \def \@tstidx@glS@subindexclosepre#1#2[#3]#4#5{%
3989   \bgroup
3990   \edef \@tstidx@label{\tstidx@getlabel{#3}}%
3991   \ifx \@tstidx@label \@empty
3992     \edef \@tstidx@label{\tstidx@getlabel{#1}}%

```

```

3993 \ifx\@tstidx@label\@empty
3994 \edef\@tstidx@label{\tstidx@getlabel{#2}}%
3995 \fi
3996 \ifx\@tstidx@sort\empty
3997 \edef\@tstidx@label{%
3998 \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
3999 .\@tstidx@label}%
4000 \else
4001 \edef\@tstidx@label{%
4002 \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4003 .\@tstidx@label}%
4004 \fi
4005 \fi
4006 \def\@tstidx@encap{#4}%
4007 \def\@tstidx@range{ }%
4008 \let\tstidx@org\glstextformat\glstextformat
4009 \renewcommand\glstextformat[1]{\tstidx@pre\glstextformat
4010 {\tstidx@org\glstextformat{##1}}}%
4011 \ifx\relax#5\relax
4012 \tstidx@glspreindex[format={ }#4]{\@tstidx@label}%
4013 \else
4014 \tstidx@gls[format={ }#4]{\@tstidx@label}%
4015 \fi
4016 \egroup
4017 }
4018 \let\tstidx@org@subindexclosepre\@tstidx@subindexclosepre
4019 \let\tstidx@subindexclosepre\@tstidx@gls@subindexclosepre

```

stindexsubsee

```

4020 \def\@tstidx@gls@indexsubsee#1#2#3#4[#5]#6{%
4021 \if@tstidx@useglsseekey
4022 \else
4023 \bgroup
4024 \edef\@tstidx@label{\tstidx@getlabel{#3}}%
4025 \ifx\@tstidx@label\@empty
4026 \edef\@tstidx@label{\tstidx@getlabel{#1}}%
4027 \ifx\@tstidx@label\@empty
4028 \edef\@tstidx@label{\tstidx@getlabel{#2}}%
4029 \fi
4030 \fi
4031 \ifx\relax#5\relax
4032 \def\@tstidx@xrlabel{}%
4033 \def\@tstidx@xrlabel@sep{}%
4034 \@for\@tst@idxthis:=#6\do{%
4035 \edef\@tstidx@xrlabel{\@tstidx@xrlabel\@tstidx@xrlabel@sep
4036 \expandafter\tstidx@getlabel\expandafter{\@tst@idxthis}}%
4037 \def\@tstidx@xrlabel@sep{,}%
4038 }%
4039 \else

```

```

4040     \def\@tstidx@xrlabel{#5}%
4041     \fi
4042     \edef\@tstidx@seetag{#4}%
4043     \ifx\@tstidx@seetag\tstidx@seealso
4044     \if@tstidx@hasseealsokey
4045         \expandafter\glsxtrindexseealso\expandafter\@tstidx@label\expandafter
4046         {\@tstidx@xrlabel}%
4047     \else
4048         \expandafter\glssee\expandafter[\expandafter\seealsoname
4049         \expandafter]\expandafter\@tstidx@label\expandafter{\@tstidx@xrlabel}%
4050     \fi
4051 \else
4052     \expandafter\glssee\expandafter\@tstidx@label\expandafter
4053     {\@tstidx@xrlabel}%
4054 \fi
4055 \iftstidxshowmarks
4056     \protected@edef\tstidx@dosee{\noexpand\tstidxsubseeref
4057     {\@tstidx@term}{#2}{tst#4ref}{\@tstidx@xrlabel}}%
4058     \tstidx@dosee
4059 \fi
4060 \egroup
4061 \fi
4062 }
4063 \let\@tstidx@org@indexsubsee\@tstidx@indexsubsee
4064 \let\@tstidx@indexsubsee\@tstidx@gls@indexsubsee

```

bsubindexpost

```

4065 \def\@tstidx@gls@subsubindexpost#1#2[#3]#4#5{%
4066     \bgroup
4067     \edef\@tstidx@label{\tstidx@getlabel{#3}}%
4068     \ifx\@tstidx@label\@empty
4069         \edef\@tstidx@label{\tstidx@getlabel{#1}}%
4070     \ifx\@tstidx@label\@empty
4071         \edef\@tstidx@label{\tstidx@getlabel{#2}}%
4072     \fi
4073     \ifx\@tstidx@sort\empty
4074         \ifx\@tstidx@subsort\empty
4075             \edef\@tstidx@label{%
4076                 \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4077                 .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4078                 .\@tstidx@label}%
4079         \else
4080             \edef\@tstidx@label{%
4081                 \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4082                 .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4083                 .\@tstidx@label}%
4084         \fi
4085     \else
4086         \ifx\@tstidx@subsort\empty

```



```

4087     \edef\@tstidx@label{%
4088         \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4089         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4090         .\@tstidx@label}%
4091     \else
4092     \edef\@tstidx@label{%
4093         \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4094         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4095         .\@tstidx@label}%
4096     \fi
4097 \fi
4098 \fi
4099 \def\@tstidx@encap{#4}%
4100 \def\@tstidx@range{}%
4101 \let\tstidx@org@glstextformat\glstextformat
4102 \renewcommand\glstextformat[1]{\tstidx@post@glstextformat
4103     {\tstidx@org@glstextformat{##1}}}%
4104 \ifx\relax#5\relax
4105     \ifx\@tstidx@encap\@empty
4106         \tstidx@glspostindex{\@tstidx@label}%
4107     \else
4108         \tstidx@glspostindex[format={#4}]{\@tstidx@label}%
4109     \fi
4110 \else
4111     \@ifundefined{glxtrinitwrgloss}%
4112     {%
4113         \glshyperlink[\glstextformat{\tstidx@glstentry{\@tstidx@label}}]%
4114         {\@tstidx@label}%
4115         \ifx\@tstidx@encap\@empty
4116             \glsadd{\@tstidx@label}%
4117         \else
4118             \glsadd[format={#4}]{\@tstidx@label}%
4119         \fi
4120     }%
4121     {%
4122         \ifx\@tstidx@encap\@empty
4123             \tstidx@glswrgloss[after]{\@tstidx@label}%
4124         \else
4125             \tstidx@glswrgloss[after,format={#4}]{\@tstidx@label}%
4126         \fi
4127     }%
4128 \fi
4129 \egroup
4130 }
4131 \let\tstidx@org@subsubindexpost\@tstidx@subsubindexpost
4132 \let\@tstidx@subsubindexpost\tstidx@glswrgloss@subsubindexpost

```

indexopenpost

```

4133 \def\@tstidx@glswrgloss@subsubindexopenpost#1#2[#3]#4#5{%

```

```

4134 \bgroup
4135 \edef\@tstidx@label{\tstidx@getlabel{#3}}%
4136 \ifx\@tstidx@label\@empty
4137   \edef\@tstidx@label{\tstidx@getlabel{#1}}%
4138   \ifx\@tstidx@label\@empty
4139     \edef\@tstidx@label{\tstidx@getlabel{#2}}%
4140   \fi
4141   \ifx\@tstidx@sort\empty
4142     \ifx\@tstidx@subsort\empty
4143       \edef\@tstidx@label{%
4144         \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4145         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4146         .\@tstidx@label}%
4147     \else
4148       \edef\@tstidx@label{%
4149         \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4150         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4151         .\@tstidx@label}%
4152     \fi
4153   \else
4154     \ifx\@tstidx@subsort\empty
4155       \edef\@tstidx@label{%
4156         \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4157         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4158         .\@tstidx@label}%
4159     \else
4160       \edef\@tstidx@label{%
4161         \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4162         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4163         .\@tstidx@label}%
4164     \fi
4165   \fi
4166 \fi
4167 \def\@tstidx@encap{#4}%
4168 \def\@tstidx@range{ }%
4169 \let\tstidx@org@glstextformat\glstextformat
4170 \renewcommand\glstextformat[1]{\tstidx@post@glstextformat
4171   {\tstidx@org@glstextformat{##1}}}%
4172 \ifx\relax#5\relax
4173   \tstidx@glspostindex[format={#4}]{\@tstidx@label}%
4174 \else
4175   \ifundefined{glxtrinitwrgloss}%
4176     {%
4177     \glshyperlink[\glstextformat{\tstidx@glstentry{\@tstidx@label}}]%
4178     {\@tstidx@label}%
4179     \glsadd[format={#4}]{\@tstidx@label}%
4180   }%
4181   {%
4182     \tstidx@glswrgloss=after,format={#4}]{\@tstidx@label}%

```

```

4183 }%
4184 \fi
4185 \egroup
4186 }
4187 \let \@tstidx@org@subsubindexopenpost \@@tstidx@subsubindexopenpost
4188 \let \@@tstidx@subsubindexopenpost \@tstidx@gls@subsubindexopenpost

```

ndexclosepost

```

4189 \def \@tstidx@gls@subsubindexclosepost #1#2[#3]#4#5{%
4190 \bgroup
4191 \edef \@tstidx@label{\tstidx@getlabel{#3}}%
4192 \ifx \@tstidx@label \@empty
4193 \edef \@tstidx@label{\tstidx@getlabel{#1}}%
4194 \ifx \@tstidx@label \@empty
4195 \edef \@tstidx@label{\tstidx@getlabel{#2}}%
4196 \fi
4197 \ifx \@tstidx@sort \@empty
4198 \ifx \@tstidx@subsort \@empty
4199 \edef \@tstidx@label{%
4200 \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4201 .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4202 .\@tstidx@label}%
4203 \else
4204 \edef \@tstidx@label{%
4205 \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4206 .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4207 .\@tstidx@label}%
4208 \fi
4209 \else
4210 \ifx \@tstidx@subsort \@empty
4211 \edef \@tstidx@label{%
4212 \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4213 .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4214 .\@tstidx@label}%
4215 \else
4216 \edef \@tstidx@label{%
4217 \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4218 .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4219 .\@tstidx@label}%
4220 \fi
4221 \fi
4222 \fi
4223 \def \@tstidx@encap{#4}%
4224 \def \@tstidx@range{} }%
4225 \let \tstidx@org@glstextformat \glstextformat
4226 \renewcommand \glstextformat [1]{\tstidx@post@glstextformat
4227 {\tstidx@org@glstextformat{##1}}}%
4228 \ifx \relax #5 \relax
4229 \tstidx@gls@postindex[format={ } #4]{\@tstidx@label}%

```

```

4230 \else
4231   \@ifundefined{glxtrinitwrgloss}%
4232   {%
4233     \glshyperlink[\glstextformat{\tstidx@glentry{\@tstidx@label}}]%
4234     {\@tstidx@label}%
4235     \glsadd[format={ } #4]]{\@tstidx@label}%
4236   }%
4237   {%
4238     \tstidx@gls[wrgloss=after,format={ } #4]]{\@tstidx@label}%
4239   }%
4240 \fi
4241 \egroup
4242 }
4243 \let \@tstidx@org@subsubindexclosepost \@tstidx@subsubindexclosepost
4244 \let \@@tstidx@subsubindexclosepost \@tstidx@gls@subsubindexclosepost

```

subsubindexpre

```

4245 \def \@tstidx@gls@subsubindexpre#1#2[#3]#4#5{%
4246   \bgroup
4247   \edef \@tstidx@label{\tstidx@getlabel{#3}}%
4248   \ifx \@tstidx@label \@empty
4249     \edef \@tstidx@label{\tstidx@getlabel{#1}}%
4250     \ifx \@tstidx@label \@empty
4251       \edef \@tstidx@label{\tstidx@getlabel{#2}}%
4252     \fi
4253     \ifx \@tstidx@sort \@empty
4254       \ifx \@tstidx@subsort \@empty
4255         \edef \@tstidx@label{%
4256           \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4257           .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4258           .\@tstidx@label}%
4259       \else
4260         \edef \@tstidx@label{%
4261           \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4262           .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4263           .\@tstidx@label}%
4264       \fi
4265     \else
4266       \ifx \@tstidx@subsort \@empty
4267         \edef \@tstidx@label{%
4268           \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4269           .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4270           .\@tstidx@label}%
4271       \else
4272         \edef \@tstidx@label{%
4273           \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4274           .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4275           .\@tstidx@label}%
4276       \fi

```

```

4277   \fi
4278 \fi
4279 \def\@tstidx@encap{#4}%
4280 \def\@tstidx@range{}%
4281 \let\tstidx@org@glstextformat\glstextformat
4282 \renewcommand\glstextformat[1]{\tstidx@pre@glstextformat
4283   {\tstidx@org@glstextformat{##1}}}%
4284 \ifx\relax#5\relax
4285   \ifx\@tstidx@encap\@empty
4286     \tstidx@glspreindex{\@tstidx@label}%
4287   \else
4288     \tstidx@glspreindex[format={#4}]{\@tstidx@label}%
4289   \fi
4290 \else
4291   \ifx\@tstidx@encap\@empty
4292     \tstidx@glspreindex{\@tstidx@label}%
4293   \else
4294     \tstidx@glspreindex[format={#4}]{\@tstidx@label}%
4295   \fi
4296 \fi
4297 \egroup
4298 }
4299 \let\tstidx@org@subsubindexpre\@tstidx@subsubindexpre
4300 \let\@tstidx@subsubindexpre\tstidx@glspreindex

```

bindindexopenpre

```

4301 \def\@tstidx@glspreindexopenpre#1#2[#3]#4#5{%
4302   \bgroup
4303   \edef\tstidx@label{\tstidx@getlabel{#3}}%
4304   \ifx\@tstidx@label\@empty
4305     \edef\tstidx@label{\tstidx@getlabel{#1}}%
4306   \ifx\@tstidx@label\@empty
4307     \edef\tstidx@label{\tstidx@getlabel{#2}}%
4308   \fi
4309   \ifx\@tstidx@sort\empty
4310     \ifx\@tstidx@subsort\empty
4311       \edef\tstidx@label{%
4312         \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4313         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4314         .\@tstidx@label}%
4315     \else
4316       \edef\tstidx@label{%
4317         \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4318         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4319         .\@tstidx@label}%
4320     \fi
4321   \else
4322     \ifx\@tstidx@subsort\empty
4323       \edef\tstidx@label{%

```

```

4324         \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4325         .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4326         .\@tstidx@label}%
4327     \else
4328         \edef\@tstidx@label{%
4329             \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4330             .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4331             .\@tstidx@label}%
4332     \fi
4333 \fi
4334 \fi
4335 \def\@tstidx@encap{#4}%
4336 \def\@tstidx@range{ (%
4337 \let\tstidx@org@glstextformat\glstextformat
4338 \renewcommand\glstextformat[1]{\tstidx@pre@glstextformat
4339     {\tstidx@org@glstextformat{##1}}}%
4340 \ifx\relax#5\relax
4341     \tstidx@glspreindex[format={ (#4)}]{\@tstidx@label}%
4342 \else
4343     \tstidx@gls[format={ (#4)}]{\@tstidx@label}%
4344 \fi
4345 \egroup
4346 }
4347 \let\@tstidx@org@subsubindexopenpre\@tstidx@subsubindexopenpre
4348 \let\@tstidx@subsubindexopenpre\@tstidx@gls@subsubindexopenpre

```

indexclosepre

```

4349 \def\@tstidx@gls@subsubindexclosepre#1#2[#3]#4#5{%
4350     \bgroup
4351     \edef\@tstidx@label{\tstidx@getlabel{#3}}%
4352     \ifx\@tstidx@label\@empty
4353         \edef\@tstidx@label{\tstidx@getlabel{#1}}%
4354     \ifx\@tstidx@label\@empty
4355         \edef\@tstidx@label{\tstidx@getlabel{#2}}%
4356     \fi
4357     \ifx\@tstidx@sort\empty
4358     \ifx\@tstidx@subsort\empty
4359         \edef\@tstidx@label{%
4360             \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4361             .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4362             .\@tstidx@label}%
4363     \else
4364         \edef\@tstidx@label{%
4365             \expandafter\tstidx@getlabel\expandafter{\@tstidx@term}%
4366             .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4367             .\@tstidx@label}%
4368     \fi
4369 \else
4370     \ifx\@tstidx@subsort\empty

```

```

4371     \edef\@tstidx@label{%
4372     \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4373     .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subterm}%
4374     .\@tstidx@label}%
4375     \else
4376     \edef\@tstidx@label{%
4377     \expandafter\tstidx@getlabel\expandafter{\@tstidx@sort}%
4378     .\expandafter\tstidx@getlabel\expandafter{\@tstidx@subsort}%
4379     .\@tstidx@label}%
4380     \fi
4381     \fi
4382     \fi
4383     \def\@tstidx@encap{#4}%
4384     \def\@tstidx@range{ }%
4385     \let\tstidx@org@glstextformat\glstextformat
4386     \renewcommand\glstextformat[1]{\tstidx@pre@glstextformat
4387     {\tstidx@org@glstextformat{##1}}}%
4388     \ifx\relax#5\relax
4389     \tstidx@glspreindex[format={ } #4]{\@tstidx@label}%
4390     \else
4391     \tstidx@gls[format={ } #4]{\@tstidx@label}%
4392     \fi
4393     \egroup
4394 }
4395 \let\tstidx@org@subsubindexclosepre\@tstidx@subsubindexclosepre
4396 \let\@tstidx@subsubindexclosepre\@tstidx@gls@subsubindexclosepre

```

8.2 Entry Shortcut Definitions

Provide commands for defining entries (not used with `\GlsXtrLoadResources`).

```

idxnewutentry \tstidxnewutentry{<label>}{<ascii>}{<utf8>}{<name fmt>}
               {<options>}{<category>}

```

```

4397 \newcommand*\tstidxnewutentry[6]{%
4398   \@tstidx@ifutfviii
4399   {%
4400     \tstidxprocessutf{\@tstidx@utf}{#3}%
4401     \ifx\relax#4\relax
4402     \protected@edef\@tstidx@doidx{%
4403       \noexpand\tstidxnewentry{#1}{#6}%
4404       {name={#3},%
4405        sort={\unexpanded\expandafter{\@tstidx@utf}},%
4406        description={ },#5}}%
4407     \else
4408     \protected@edef\@tstidx@doidx{%
4409       \noexpand\tstidxnewentry{#1}{#6}%
4410       {name={\noexpand#4{#3}},%

```

```

4411         sort={\unexpanded\expandafter{\@tstidx@utf}},%
4412         description={},#5}}%
4413     \fi
4414 }%
4415 {%
4416     \tstidxprocessasciisort{\@tstidx@asciisort}{#2}%
4417     \tstidxprocessasciisortstrip{\@tstidx@asciilabel}{#1}%
4418     \ifx\relax#4\relax
4419         \protected@edef\@tstidx@doidx{%
4420             \noexpand\tstidxnewentry{\@tstidx@asciilabel}{#6}%
4421             {name={#2},%
4422              sort={\unexpanded\expandafter{\@tstidx@asciisort}},%
4423              description={},#5}}%
4424     \else
4425         \protected@edef\@tstidx@doidx{%
4426             \noexpand\tstidxnewentry{\@tstidx@asciilabel}{#6}%
4427             {name={\noexpand#4{#2}},%
4428              sort={\unexpanded\expandafter{\@tstidx@asciisort}},%
4429              description={},#5}}%
4430     \fi
4431 }%
4432 \@tstidx@doidx
4433 }

```

```

\tstidxnewutfentrytext{\langle label \rangle}{\langle ascii name \rangle}{\langle ascii text \rangle}
{\langle utf8 name \rangle}{\langle utf8 text \rangle}{\langle name fmt \rangle}{\langle options \rangle}{\langle category \rangle}

```

```

4434 \newcommand*{\tstidxnewutfentrytext}[8]{%
4435     \@tstidx@ifutfviii
4436     {%
4437         \tstidxprocessutf{\@tstidx@utf}{#4}%
4438         \ifx\relax#6\relax
4439             \protected@edef\@tstidx@doidx{%
4440                 \noexpand\tstidxnewentry{#1}{#8}%
4441                 {name={#4},%
4442                  sort={\unexpanded\expandafter{\@tstidx@utf}},%
4443                  text={#5},%
4444                  description={},#7}}%
4445         \else
4446             \protected@edef\@tstidx@doidx{%
4447                 \noexpand\tstidxnewentry{#1}{#8}%
4448                 {name={#4},%
4449                  text={\noexpand#6{#5}},%
4450                  sort={\unexpanded\expandafter{\@tstidx@utf}},%
4451                  description={},#7}}%
4452         \fi
4453     }%
4454     {%

```



```

4455 \tstidxprocessasciisort{\@tstidx@asciisort}{#2}%
4456 \ifx\relax#6\relax
4457   \protected@edef\@tstidx@doidx{%
4458     \noexpand\tstidxnewentry{#1}{#8}%
4459     {name={#2},%
4460     text={#3},%
4461     sort={\unexpanded\expandafter{\@tstidx@asciisort}},%
4462     description={},#7}}%
4463   \else
4464     \protected@edef\@tstidx@doidx{%
4465       \noexpand\tstidxnewentry{#1}{#8}%
4466       {name={\noexpand#6{#2}},%
4467       text={\noexpand#6{#3}},%
4468       sort={\unexpanded\expandafter{\@tstidx@asciisort}},%
4469       description={},#7}}%
4470   \fi
4471 }%
4472 \@tstidx@doidx
4473 }

```

\tstidxnewword `\tstidxnewword[<options>]{<word>}{<description>}`

```

4474 \newcommand*\tstidxnewword[3][]{%
4475   \if@tstidx@setdescription
4476     \tstidxnewentry{\tstidx@getlabel{#2}}{word}{name={#2},description={#3},#1}%
4477   \else
4478     \tstidxnewentry{\tstidx@getlabel{#2}}{word}{name={#2},description={},#1}%
4479   \fi
4480 }

```

\tstidxnewwordsee `\tstidxnewwordsee[<options>]{<word>}{<description>}{<xr-labels>}`

```

4481 \if@tstidx@useglsseekey
4482   \newcommand*\tstidxnewwordsee[4][]{%
4483     \tstidxnewword[see={#4},#1]{#2}{#3}%
4484   }
4485 \else
4486   \newcommand*\tstidxnewwordsee[4][]{%
4487     \tstidxnewword[#1]{#2}{#3}%
4488   }
4489 \fi

```

\tstidxnewwordseealso `\tstidxnewwordseealso[<options>]{<word>}{<description>}{<xr-labels>}`

```

4490 \if@tstidx@useglseekey
4491   \if@tstidx@hasseealsokey
4492     \newcommand*\tstidxnewwordseealso[4][[]]{%
4493       \tstidxnewword[seealso={#4},#1]{#2}{#3}%
4494     }
4495   \else
4496     \newcommand*\tstidxnewwordseealso[4][[]]{%
4497       \tstidxnewword[see={\seealsoname#4},#1]{#2}{#3}%
4498     }
4499   \fi
4500 \else
4501   \newcommand*\tstidxnewwordseealso[4][[]]{%
4502     \tstidxnewword[#1]{#2}{#3}%
4503   }
4504 \fi

```

idxnewdigraph

```

4505 \newcommand*\tstidxnewdigraph[3][[]]{%
4506   \if@tstidx@setdescription
4507     \tstidxnewentry{\tstidx@getlabel{#2}}{digraph}{name={#2},description={#3},#1}%
4508   \else
4509     \tstidxnewentry{\tstidx@getlabel{#2}}{digraph}{name={#2},description={},#1}%
4510   \fi
4511 }

```

dxnewtrigraph

```

4512 \newcommand*\tstidxnewtrigraph[3][[]]{%
4513   \if@tstidx@setdescription
4514     \tstidxnewentry{\tstidx@getlabel{#2}}{trigraph}{name={#2},description={#3},#1}%
4515   \else
4516     \tstidxnewentry{\tstidx@getlabel{#2}}{trigraph}{name={#2},description={},#1}%
4517   \fi
4518 }

```

tstidxnewsubword

```
\tstidxnewsubword[<options>]{<parent>}{<word>}{<description>}
```

```

4519 \newcommand*\tstidxnewsubword[4][[]]{%
4520   \if@tstidx@setdescription
4521     \tstidxnewentry{\tstidx@getlabel{#2.#3}}{word}%
4522     {parent={\tstidx@getlabel{#2}},name={#3},description={#4},#1}%
4523   \else
4524     \tstidxnewentry{\tstidx@getlabel{#2.#3}}{word}%
4525     {parent={\tstidx@getlabel{#2}},name={#3},description={},#1}%
4526   \fi
4527 }

```

xnewswordsee

```
\tstidxnewswordsee [<options>] {<parent>} {<word>} {<description>}
{<xr-labels>}
```

```
4528 \if@tstidx@useglsseekey
4529   \newcommand*{\tstidxnewswordsee}[5][[]]{%
4530     \tstidxnewsword[see={#5},#1]{#2}{#3}{#4}%
4531   }
4532 \else
4533   \newcommand*{\tstidxnewswordsee}[5][[]]{%
4534     \tstidxnewsword[#1]{#2}{#3}{#4}%
4535   }
4536 \fi
```

subwordseealso

```
\tstidxnewswordseealso [<options>] {<parent>} {<word>}
{<description>} {<xr-labels>}
```

```
4537 \if@tstidx@useglsseekey
4538   \if@tstidx@hasseealsokey
4539     \newcommand*{\tstidxnewswordseealso}[5][[]]{%
4540       \tstidxnewsword[seealso={#5},#1]{#2}{#3}{#4}%
4541     }
4542   \else
4543     \newcommand*{\tstidxnewswordseealso}[5][[]]{%
4544       \tstidxnewsword[see={[\seealsoname]#5},#1]{#2}{#3}{#4}%
4545     }
4546   \fi
4547 \else
4548   \newcommand*{\tstidxnewswordseealso}[5][[]]{%
4549     \tstidxnewsword[#1]{#2}{#3}{#4}%
4550   }
4551 \fi
```

\tstidxcsfmt

```
4552 \renewcommand*{\tstidxcsfmt}[1]{\texttt{\glsbackslash#1}}
```

\tstidxnewcs

```
4553 \newcommand*{\tstidxnewcs}[3][[]]{%
4554   \if@tstidx@setdescription
4555     \tstidxnewentry{\tstidx@getlabel{cs.#2}}{cs}%
4556     {sort={#2},name={\tstidxcsfmt{#2}},description={#3},#1}%
4557   \else
4558     \tstidxnewentry{\tstidx@getlabel{cs.#2}}{cs}%
4559     {sort={#2},name={\tstidxcsfmt{#2}},description={},#1}%
4560   \fi
4561 }
```

dxnewencapcsn

```

4562 \newcommand*{\tstidxnewencapcsn}[3][[]]{%
4563 \if@tstidx@setdescription
4564 \tstidxnewentry{\tstidx@getlabel{#2}}{encapcsn}{sort={#2 (#2)},%
4565 name={\texttt{#2} (\tstidxcsfmt{#2})},
4566 text={\texttt{#2}},description={#3},#1}%
4567 \tstidxnewentry{\tstidx@getlabel{encap.#2}}{encapcsn}{sort={#2},%
4568 parent={\tstidx@getlabel{encap}},
4569 name={\texttt{#2}},description={#3}}%
4570 \else
4571 \tstidxnewentry{\tstidx@getlabel{#2}}{encapcsn}{sort={#2 (#2)},%
4572 name={\texttt{#2} (\tstidxcsfmt{#2})},
4573 text={\texttt{#2}},description={},#1}%
4574 \tstidxnewentry{\tstidx@getlabel{encap.#2}}{encapcsn}{sort={#2},%
4575 parent={\tstidx@getlabel{encap}},
4576 name={\texttt{#2}},description={}}%
4577 \fi
4578 }

```

\tstidxnewenv

```

4579 \newcommand*{\tstidxnewenv}[3][[]]{%
4580 \if@tstidx@setdescription
4581 \tstidxnewentry{\tstidx@getlabel{#2environment}}{%
4582 {environment}}{sort={#2 environment},%
4583 name={\tstidxenvfmt{#2} environment},%
4584 text={\tstidxenvfmt{#2}},description={#3},#1}%
4585 \else
4586 \tstidxnewentry{\tstidx@getlabel{#2environment}}{%
4587 {environment}}{sort={#2 environment},%
4588 name={\tstidxenvfmt{#2} environment},%
4589 text={\tstidxenvfmt{#2}},description={},#1}%
4590 \fi
4591 }

```

\tstidxnewapp

```

4592 \newcommand*{\tstidxnewapp}[3][[]]{%
4593 \if@tstidx@setdescription
4594 \tstidxnewentry{\tstidx@getlabel{#2}}{application}{sort={#2},%
4595 name={\tstidxappfmt{#2}},description={#3},#1}%
4596 \tstidxnewentry{applications.\tstidx@getlabel{#2}}{application}{sort={#2},%
4597 parent={applications},name={\tstidxappfmt{#2}},description={#3}}%
4598 \else
4599 \tstidxnewentry{\tstidx@getlabel{#2}}{application}{sort={#2},%
4600 name={\tstidxappfmt{#2}},description={},#1}%
4601 \tstidxnewentry{applications.\tstidx@getlabel{#2}}{application}{sort={#2},%
4602 parent={applications},name={\tstidxappfmt{#2}},description={}}%
4603 \fi
4604 }

```

\tstidxnewappopt

```

4605 \newcommand*{\tstidxnewappopt}[4][[]]{%
4606 \if@tstidx@setdescription
4607 \tstidxnewentry{\tstidx@getlabel{#3.#2option}}{applicationoption}%
4608 {sort={#3 (#2)},%
4609 name={\tstidxappoptfmt{#3} (\tstidxappfmt{#2})},description={#4},#1}%
4610 \tstidxnewentry{\tstidx@getlabel{#2.#3}}{applicationoption}%
4611 {parent={#2},sort={#3},%
4612 name={\tstidxappoptfmt{#3}},description={#4},#1}%
4613 \tstidxnewentry{\tstidx@getlabel{applications.#2.#3}}%
4614 {applicationoption}{sort={#3},%
4615 parent={\tstidx@getlabel{applications.#2}},name={\tstidxappoptfmt{#3}},%
4616 description={#4}}%
4617 \else
4618 \tstidxnewentry{\tstidx@getlabel{#3.#2option}}{applicationoption}%
4619 {sort={#3 (#2)},%
4620 name={\tstidxappoptfmt{#3} (\tstidxappfmt{#2})},description={},#1}%
4621 \tstidxnewentry{\tstidx@getlabel{#2.#3}}{applicationoption}%
4622 {parent={#2},sort={#3},%
4623 name={\tstidxappoptfmt{#3}},description={},#1}%
4624 \tstidxnewentry{\tstidx@getlabel{applications.#2.#3}}%
4625 {applicationoption}{sort={#3},%
4626 parent={\tstidx@getlabel{applications.#2}},name={\tstidxappoptfmt{#3}},%
4627 description={}}%
4628 \fi
4629 }

```

\tstidxnewsty

```

4630 \newcommand*{\tstidxnewsty}[3][[]]{%
4631 \if@tstidx@setdescription
4632 \tstidxnewentry{\tstidx@getlabel{#2package}}{package}{sort={#2 pack-
4633 age},%
4634 name={\tstidxstyfmt{#2} package},%
4635 text={\tstidxstyfmt{#2}},%
4636 description={#3},#1}%
4637 \tstidxnewentry{\tstidx@getlabel{packages.#2package}}{package}{sort={#2},%
4638 parent={packages},name={\tstidxstyfmt{#2}},%
4639 text={\tstidxstyfmt{#2}},description={#3}}%
4640 \else
4641 \tstidxnewentry{\tstidx@getlabel{#2package}}{package}{sort={#2 pack-
4642 age},%
4643 name={\tstidxstyfmt{#2} package},%
4644 text={\tstidxstyfmt{#2}},%
4645 description={},#1}%
4646 \tstidxnewentry{\tstidx@getlabel{packages.#2package}}{package}{sort={#2},%
4647 parent={packages},name={\tstidxstyfmt{#2}},%
4648 text={\tstidxstyfmt{#2}},description={}}%
4649 \fi
4650 }

```

newstyseealso

```
4649 \if@tstidx@useglseekey
4650   \if@tstidx@hasseealsokey
4651     \newcommand*{\tstidxnewstyseealso}[4][[]]{%
4652       \tstidxnewsty[seealso={#4},#1]{#2}{#3}%
4653     }
4654   \else
4655     \newcommand*{\tstidxnewstyseealso}[4][[]]{%
4656       \tstidxnewsty[see={[\seealsoname]#4},#1]{#2}{#3}%
4657     }
4658   \fi
4659 \else
4660   \newcommand*{\tstidxnewstyseealso}[4][[]]{%
4661     \tstidxnewsty[#1]{#2}{#3}%
4662   }
4663 \fi
```

tidxnewstyopt

```
4664 \newcommand*{\tstidxnewstyopt}[4][[]]{%
4665   \if@tstidx@setdescription
4666     \tstidxnewentry{\tstidx@getlabel{#2package.#3}}{packageoption}{sort={#3},%
4667       name={\tstidxstyoptfmt{#3}},%
4668       parent={\tstidx@getlabel{#2package}},%
4669       description={#4},#1}%
4670     \tstidxnewentry{\tstidx@getlabel{packages.#2package.#3}}{packageoption}%
4671     {sort={#3},%
4672       parent={\tstidx@getlabel{packages.#2package}},name={\tstidxstyoptfmt{#3}},%
4673       description={#4}}%
4674   \else
4675     \tstidxnewentry{\tstidx@getlabel{#2package.#3}}{packageoption}{sort={#3},%
4676       name={\tstidxstyoptfmt{#3}},%
4677       parent={\tstidx@getlabel{#2package}},%
4678       description={},#1}%
4679     \tstidxnewentry{\tstidx@getlabel{packages.#2package.#3}}{packageoption}%
4680     {sort={#3},%
4681       parent={\tstidx@getlabel{packages.#2package}},name={\tstidxstyoptfmt{#3}},%
4682       description={}}%
4683   \fi
4684 }
```

tidxnewnumber

```
4685 \newcommand*{\tstidxnewnumber}[3][[]]{%
4686   \if@tstidx@setdescription
4687     \tstidxnewentry{\tstidx@getlabel{#2}}{number}{name={#2},description={#3},#1}%
4688   \else
4689     \tstidxnewentry{\tstidx@getlabel{#2}}{number}{name={#2},description={},#1}%
4690   \fi
4691 }
```

stidxnewphrase

```
\tstidxnewphrase [options] {phrase} {description}
```

```
4692 \newcommand*{\tstidxnewphrase}[3][ ]{%
4693   \if@tstidx@setdescription
4694     \tstidxnewentry{\tstidx@getlabel{#2}}{phrase}{name={#2},description={#3},#1}%
4695   \else
4696     \tstidxnewentry{\tstidx@getlabel{#2}}{phrase}{name={#2},description={},#1}%
4697   \fi
4698 }
```

dxnewphraseseen

```
\tstidxnewphraseseen [options] {phrase} {description}
{xr-labels}
```

```
4699 \if@tstidx@useglsseekey
4700   \newcommand*{\tstidxnewphraseseen}[4][ ]{%
4701     \tstidxnewphrase[see={#4},#1]{#2}{#3}%
4702   }
4703 \else
4704   \newcommand*{\tstidxnewphraseseen}[4][ ]{%
4705     \tstidxnewphrase[#1]{#2}{#3}%
4706   }
4707 \fi
```

phraseseenalso

```
\tstidxnewphraseseenalso [options] {phrase} {description}
{xr-labels}
```

```
4708 \if@tstidx@useglsseekey
4709   \if@tstidx@hasseealsokey
4710     \newcommand*{\tstidxnewphraseseenalso}[4][ ]{%
4711       \tstidxnewphrase[seealso={#4},#1]{#2}{#3}%
4712     }
4713   \else
4714     \newcommand*{\tstidxnewphraseseenalso}[4][ ]{%
4715       \tstidxnewphrase[see={\seealsoname#4},#1]{#2}{#3}%
4716     }
4717   \fi
4718 \else
4719   \newcommand*{\tstidxnewphraseseenalso}[4][ ]{%
4720     \tstidxnewphrase[#1]{#2}{#3}%
4721   }
4722 \fi
```

xnewartphrase

```
4723 \newcommand*{\tstidxnewartphrase}[4][ ]{%
4724   \if@tstidx@setdescription
4725     \tstidxnewentry{\tstidx@getlabel{#3}}{phrase}{name={#3, #2},
```

```

4726   text={#2 #3},description={#4},#1}%
4727   \else
4728   \tstidxnewentry{\tstidx@getlabel{#3}}{phrase}{name={#3, #2},
4729   text={#2 #3},description={},#1}%
4730   \fi
4731 }

```

xnewsbphrase

```

4732 \newcommand*{\tstidxnewsbphrase}[4][[]]{%
4733   \if@tstidx@setdescription
4734   \tstidxnewentry{\tstidx@getlabel{#2.#3}}{phrase}%
4735   {parent={\tstidx@getlabel{#2}},%
4736   name={#3},description={#4},#1}%
4737   \else
4738   \tstidxnewentry{\tstidx@getlabel{#2.#3}}{phrase}%
4739   {parent={\tstidx@getlabel{#2}},%
4740   name={#3},description={},#1}%
4741   \fi
4742 }

```

tstidxnewperson Arguments: first name, surname.

```

4743 \newcommand*{\tstidxnewperson}[4][[]]{%
4744   \tstidxnewutfperson[#1]{#2}{#3}{#2}{#3}{#4}%
4745 }

```

dxnewutfperson

```

\tstidxnewutfperson[options]{ascii first name}{ascii
surname}[label]{utf first name}{utf surname}

```

```

4746 \newcommand*{\tstidxnewutfperson}[3][[]]{%
4747   \@ifnextchar[{\@tstidxnewutfperson{#1}{#2}{#3}}%
4748   {\@tstidxnewutfperson{#1}{#2}{#3}[#2#3]}%
4749 }
4750 \def\@tstidxnewutfperson#1#2#3[#4]#5#6#7{%
4751   \if@tstidx@setdescription
4752   \tstidxnewutfentrytext{\tstidx@getlabel{#4}}{#3, #2}{#2 #3}{#6, #5}{#5 #6}%
4753   {}{description={#7},#1}{person}%
4754   \tstidxnewutfentrytext{\tstidx@getlabel{people.#4}}{#3, #2}{#2 #3}{#6, #5}%
4755   {#5 #6}{}{description={#7},parent={people}}{person}%
4756   \else
4757   \tstidxnewutfentrytext{\tstidx@getlabel{#4}}{#3, #2}{#2 #3}{#6, #5}{#5 #6}%
4758   {}{#1}{person}%
4759   \tstidxnewutfentrytext{\tstidx@getlabel{people.#4}}{#3, #2}{#2 #3}{#6, #5}%
4760   {#5 #6}{}{parent={people}}{person}%
4761   \fi
4762 }

```

\tstidxnewsym


```

4763 \newcommand*{\tstidxnewsym}[4][[]]{%
4764 \if@tstidx@setdescription
4765 \tstidxnewentry{\tstidx@getlabel{#2}}{symbol}%
4766 {name={#3},sort={#2},description={#4},#1}%
4767 \else
4768 \tstidxnewentry{\tstidx@getlabel{#2}}{symbol}%
4769 {name={#3},sort={#2},description={},#1}%
4770 \fi
4771 }

```

ewindexmarker

```

4772 \newcommand*{\tstidxnewindexmarker}[3][[]]{%
4773 \if@tstidx@setdescription
4774 \toks@{description={#3},#1}%
4775 \else
4776 \toks@{description={},#1}%
4777 \fi
4778 \iftestidxprefix
4779 \protected@edef\@tstidx@dodef{%
4780 \noexpand\tstidxnewentry{\tstidx@getlabel{#2}}%
4781 {indexmarker}%
4782 name={{\noexpand\protect\expandonce{\csname#2\endcsname}\noexpand\space
4783 (\noexpand\tstidxcsfmt{#2})},%
4784 sort={\tstidxindexmarkerprefix#2},
4785 \the\toks@}}%
4786 \else
4787 \protected@edef\@tstidx@dodef{%
4788 \noexpand\tstidxnewentry{\tstidx@getlabel{#2}}%
4789 {indexmarker}%
4790 name={{\noexpand\protect\expandonce{\csname#2\endcsname}\noexpand\space
4791 (\noexpand\tstidxcsfmt{#2})},%
4792 sort={#2},
4793 \the\toks@}}%
4794 \fi
4795 \@tstidx@dodef
4796 }

```

`\tstidxnewmath` `\tstidxnewmath[options]{sort}[label]{text}{description}`

```

4797 \newcommand*{\tstidxnewmath}[2][[]]{%
4798 \@ifnextchar[{\@tstidxnewmath{#1}{#2}}{\@tstidxnewmath{#1}{#2}[#2]}%
4799 }
4800 \def\@tstidxnewmath#1#2[#3]#4#5{%
4801 \if@tstidx@setdescription
4802 \tstidxnewentry{\tstidx@getlabel{#3}}{math}%
4803 {name={\$#4$},text={#4},sort={#2},description={#5},#1}%
4804 \else
4805 \tstidxnewentry{\tstidx@getlabel{#3}}{math}%

```

```

4806 {name={\$#4\$},text={#4},sort={#2},description={},#1}%
4807 \fi
4808 }

```

idxnewmathsym

```

4809 \newcommand*\tstidxnewmathsym[2][]{%
4810 \@ifnextchar[{\@tstidxnewmathsym{#1}{#2}}{\@tstidxnewmathsym{#1}{#2}[#2]}%
4811 }
4812 \def\@tstidxnewmathsym#1#2[#3]#4#5{%
4813 \iftestidxprefix
4814 \if@tstidx@setdescription
4815 \toks@{name={\$#4\$},text={#4},description={#5},#1}%
4816 \else
4817 \toks@{name={\$#4\$},text={#4},#1}%
4818 \fi
4819 \protected@edef\@tstidx@dodef{%
4820 \noexpand\tstidxnewentry{\tstidx@getlabel{#3}}{mathsymbol}%
4821 {sort={\tstidxmathsymprefix#2},description={},\the\toks@}%
4822 }%
4823 \@tstidx@dodef
4824 \else
4825 \if@tstidx@setdescription
4826 \tstidxnewentry{\tstidx@getlabel{#3}}{mathsymbol}{name={\$#4\$},%
4827 text={#4},sort={#2},description={#5},#1}%
4828 \else
4829 \tstidxnewentry{\tstidx@getlabel{#3}}{mathsymbol}{name={\$#4\$},%
4830 text={#4},sort={#2},description={},#1}%
4831 \fi
4832 \fi
4833 }

```

idxnewutfword

```

4834 \newcommand*\tstidxnewutfword[5][]{%
4835 \if@tstidx@setdescription
4836 \tstidxnewutfentry{\tstidx@getlabel{#2}}{#3}{#4}{description={#5},#1}{word}%
4837 \else
4838 \tstidxnewutfentry{\tstidx@getlabel{#2}}{#3}{#4}{#1}{word}%
4839 \fi
4840 }

```

xnewutfwordsee

```

\tstidxnewutfwordsee[<options>]{<label>}{<ascii>}{<utf>}
{<description>}{<xr-labels>}

```

```

4841 \if@tstidx@useglsseekey
4842 \newcommand*\tstidxnewutfwordsee[6][]{%
4843 \tstidxnewutfword[see={#6},#1]{#2}{#3}{#4}{#5}%
4844 }
4845 \else

```

```

4846 \newcommand*{\tstidxnewutfwordsee}[6][[]]{%
4847   \tstidxnewutfword[#1]{#2}{#3}{#4}{#5}%
4848 }
4849 \fi

```

utfwordseealso

```

\tstidxnewutfwordseealso[options]{label}{ascii}{utf}
{description}{xr-labels}

```

```

4850 \if@tstidx@useglseekey
4851   \if@tstidx@hasseealsokey
4852     \newcommand*{\tstidxnewutfwordseealso}[6][[]]{%
4853       \tstidxnewutfword[seealso={#6},#1]{#2}{#3}{#4}{#5}%
4854     }
4855   \else
4856     \newcommand*{\tstidxnewutfwordseealso}[6][[]]{%
4857       \tstidxnewutfword[see={[\seealsoname]#6},#1]{#2}{#3}{#4}{#5}%
4858     }
4859   \fi
4860 \else
4861   \newcommand*{\tstidxnewutfwordseealso}[6][[]]{%
4862     \tstidxnewutfword[#1]{#2}{#3}{#4}{#5}%
4863   }
4864 \fi

```

newutfdigraph

```

4865 \newcommand*{\tstidxnewutfdigraph}[5][[]]{%
4866   \if@tstidx@setdescription
4867     \tstidxnewutfentry{\tstidx@getlabel{#2}}{#3}{#4}{\{description={#5},#1\}digraph}
4868   \else
4869     \tstidxnewutfentry{\tstidx@getlabel{#2}}{#3}{#4}{\{#1\}digraph}%
4870   \fi
4871 }

```

xnewutfphrase

```

4872 \newcommand*{\tstidxnewutfphrase}[5][[]]{%
4873   \if@tstidx@setdescription
4874     \tstidxnewutfentry{\tstidx@getlabel{#2}}{#3}{#4}{\{description={#5},#1\}phrase}%
4875   \else
4876     \tstidxnewutfentry{\tstidx@getlabel{#2}}{#3}{#4}{\{#1\}phrase}%
4877   \fi
4878 }
4879 }

```

stidxnewplace

```

4880 \newcommand*{\tstidxnewplace}[3][[]]{%
4881   \tstidxnewutfplace[#1]{#2}{#2}{#2}{#3}%
4882 }

```

dxnewutfplace

```
4883 \newcommand*{\tstidxnewutfplace}[5][ ]{%
4884   \if@tstidx@setdescription
4885     \tstidxnewutfentry{\tstidx@getlabel{#2}}{#3}{#4}{ }%
4886     {description={#5},#1}{place}%
4887     \tstidxnewutfentry{\tstidx@getlabel{places.#2}}{#3}{#4}{ }%
4888     {description={#5},parent={places}}{place}%
4889   \else
4890     \tstidxnewutfentry{\tstidx@getlabel{#2}}{#3}{#4}{ }{#1}{place}%
4891     \tstidxnewutfentry{\tstidx@getlabel{places.#2}}{#3}{#4}{ }%
4892     {parent={places}}{place}%
4893   \fi
4894 }
```

dxnewartplace

```
4895 \newcommand*{\tstidxnewartplace}[4][ ]{%
4896   \if@tstidx@setdescription
4897     \tstidxnewentry{\tstidx@getlabel{#3}}{place}{name={#3, #2},%
4898     text={#2 #3},description={#4},#1}%
4899     \tstidxnewentry{\tstidx@getlabel{places.#3}}{place}{%
4900     parent={places},name={#3, #2},%
4901     text={#2 #3},description={#4}}%
4902   \else
4903     \tstidxnewentry{\tstidx@getlabel{#3}}{place}{name={#3, #2},%
4904     text={#2 #3},description={},#1}%
4905     \tstidxnewentry{\tstidx@getlabel{places.#3}}{place}{%
4906     parent={places},name={#3, #2},%
4907     text={#2 #3},description={}}%
4908   \fi
4909 }
```

tstidxnewbook

```
4910 \newcommand*{\tstidxnewbook}[3][ ]{%
4911   \if@tstidx@setdescription
4912     \tstidxnewentry{\tstidx@getlabel{#2}}{book}{sort={#2},%
4913     name={\tstidxbookfmt{#2}},description={#3},#1}%
4914     \tstidxnewentry{\tstidx@getlabel{books.#2}}{book}{sort={#2},%
4915     parent={books},name={\tstidxbookfmt{#2}},description={#3}}%
4916   \else
4917     \tstidxnewentry{\tstidx@getlabel{#2}}{book}{sort={#2},%
4918     name={\tstidxbookfmt{#2}},description={},#1}%
4919     \tstidxnewentry{\tstidx@getlabel{books.#2}}{book}{sort={#2},%
4920     parent={books},name={\tstidxbookfmt{#2}},description={}}%
4921   \fi
4922 }
```

idxnewartbook

```
4923 \newcommand*{\tstidxnewartbook}[4][ ]{%
4924   \if@tstidx@setdescription
```

```

4925 \tstidxnewentry{\tstidx@getlabel{#3}}{book}{%
4926   name={\tstidxbookfmt{#3, #2}},
4927   sort={#3, #2},
4928   text={\tstidxbookfmt{#2 #3}},description={#4},#1}%
4929 \tstidxnewentry{\tstidx@getlabel{books.#3}}{book}{%
4930   parent={books},
4931   name={\tstidxbookfmt{#3, #2}},
4932   sort={#3, #2},
4933   text={\tstidxbookfmt{#2 #3}},description={#4}}%
4934 \else
4935 \tstidxnewentry{\tstidx@getlabel{#3}}{book}{%
4936   name={\tstidxbookfmt{#3, #2}},
4937   sort={#3, #2},
4938   text={\tstidxbookfmt{#2 #3}},description={},#1}%
4939 \tstidxnewentry{\tstidx@getlabel{books.#3}}{book}{%
4940   parent={books},
4941   name={\tstidxbookfmt{#3, #2}},
4942   sort={#3, #2},
4943   text={\tstidxbookfmt{#2 #3}},description={}}%
4944 \fi
4945 }

```

tstidxnewfilm

```

4946 \newcommand*{\tstidxnewfilm}[3][[]]{%
4947   \if@tstidx@setdescription
4948     \tstidxnewentry{\tstidx@getlabel{#2}}{film}{sort={#2},%
4949     name={\tstidxfilmfmt{#2}},description={#3},#1}%
4950     \tstidxnewentry{\tstidx@getlabel{films.#2}}{film}{sort={#2},%
4951     parent={films},name={\tstidxfilmfmt{#2}},description={#3}}%
4952   \else
4953     \tstidxnewentry{\tstidx@getlabel{#2}}{film}{sort={#2},%
4954     name={\tstidxfilmfmt{#2}},description={},#1}%
4955     \tstidxnewentry{\tstidx@getlabel{films.#2}}{film}{sort={#2},%
4956     parent={films},name={\tstidxfilmfmt{#2}},description={}}%
4957   \fi
4958 }

```

idxnewartfilm

```

4959 \newcommand*{\tstidxnewartfilm}[4][[]]{%
4960   \if@tstidx@setdescription
4961     \tstidxnewentry{\tstidx@getlabel{#3}}{film}{%
4962     name={\tstidxfilmfmt{#3, #2}},
4963     sort={#3, #2},
4964     text={\tstidxfilmfmt{#2 #3}},description={#4},#1}%
4965     \tstidxnewentry{\tstidx@getlabel{films.#3}}{film}{%
4966     parent={films},
4967     name={\tstidxfilmfmt{#3, #2}},
4968     sort={#3, #2},
4969     text={\tstidxfilmfmt{#2 #3}},description={#4}}%

```

```

4970 \else
4971 \tstidxnewentry{\tstidx@getlabel{#3}}{film}{%
4972   name={\tstidxfilmfmt{#3, #2}},
4973   sort={#3, #2},
4974   text={\tstidxfilmfmt{#2 #3}},description={},#1}%
4975 \tstidxnewentry{\tstidx@getlabel{films.#3}}{film}{%
4976   parent={films},
4977   name={\tstidxfilmfmt{#3, #2}},
4978   sort={#3, #2},
4979   text={\tstidxfilmfmt{#2 #3}},description={}}%
4980 \fi
4981 }

```

8.3 Dummy Paragraph Redefinition

\@tidx@par@i Modify the first paragraph.

```

4982 \newcommand*{\@tidx@gl@par@i}{%
4983   This is a~sample block of text designed to test indexing with
4984   the \expandafter\tstidxsty\expandafter{\tstidx@glossariespkg} package. To test
4985   only \tstidxcs{index} and \tstidxenv{theindex} environment, just use
4986   \tstidxsty{testidx} instead of \tstidxsty{testidx-glossaries}.
4987   Alternatively, use \tstidxcs{tstidxtoidx} to switch back to the
4988   original \tstidxsty{testidx} behaviour.
4989   This sample text is provided to help test the
4990   \if@tstidx@use@encaps
4991   \tstidxword[tstidxencapii]{layout}
4992   \else
4993   \tstidxword{layout}
4994   \fi
4995   of the
4996   \if@tstidx@use@encaps
4997   \tstidxword[tstidxencapii]{index}
4998   \else
4999   \tstidxword{index}
5000   \fi
5001   (or
5002   \if@tstidx@use@encaps
5003   \tstidxword[tstidxencapii]{glossary}%
5004   \else
5005   \tstidxword{glossary}%
5006   \fi
5007   ) and the
5008   \if@tstidx@use@encaps
5009   \tstidxphrasepl[tstidxencapii]{indexing application},
5010   \else
5011   \tstidxphrasepl{indexing application},
5012   \fi
5013   such as
5014   \tstidxapp{makeindex} or

```

5015 `\tstidxapp{xindy}`, that may be used with the
5016 `\expandafter\tstidxsty\expandafter{\tstidx@glossariespkg}` package.
5017 This `\tstidxword{example}` text is just
5018 `\tstidxword{filler}` (produced using `\tstidxcs{testidx}` provided
5019 by the `\tstidxopensty{testidx}` package) to
5020 `pad\tstindexsee{padding}{seealso}{filler}` out
5021 the document with instances of `\tstidxcs{index}` interspersed through-
out.
5022 You can find out more
5023 information from the `\tstidxsty{testidx}` user manual, which
5024 can be accessed using the `\tstidxapp{texdoc}` application.
5025 }
5026 `\let\tstidx@org@par@i\tstidx@par@i`
5027 `\let\tstidx@par@i\tstidx@gls@par@i`

`\tstidx@par@ii` **Modify the second paragraph.**

5028 `\newcommand*{\tstidx@gls@par@ii}{%`
5029 The `\tstidxsty{testidx-glossaries}` package uses `\tstidxcs{gls}` (or
5030 `\tstidxcs{glspl}`) unless no text should be displayed when indexing
5031 occurs (in which case just `\tstidxcs{glsadd}` is used). This test pack-
age
5032 doesn't make any modifications to
5033 `\tstidxcs{gls}` (or `\tstidxcs{glspl}`), but there are some minor changes to en-
try
5034 definitions and command use to allow this `\tstidxphrase{dummy text}` to test
5035 various cases. By default `\tstidxcs{gls}` performs the indexing before the
5036 `\tstidxphrase{link text}` to prevent any unwanted interference caused by the
5037 `\tstidxword{whatsit}` introduced by the indexing.
5038 However, it's possible that you may want the indexing to occur
5039 after the `\tstidxphrase{link text}`, even though it creates
5040 a `\tstidxword{whatsit}`. This `\tstidxphrase{dummy text}` is designed to use
5041 a mixture of pre- and post-indexing to investigate the results (par-
ticularly
5042 with `\tstidxwordpl{phrase}` spanning a `\tstidxphrase{page break}`).
5043 The `\tstidxsty{glossaries-extra}` package (as from
5044 version 1.14) provides a new key `\tstidxqt{wrgloss}` (for commands
5045 like `\tstidxcs{gls}`), which may take the values
5046 `\tstidxqt{before}` or `\tstidxqt{after}`. If this key is available,
5047 it will be used for the post-indexing `\tstidxwordpl{example}`,
5048 otherwise the post-indexing will be performed manually using
5049 `\tstidxcs{glsadd}` after the `\tstidxphrase{link text}` (which is displayed us-
ing
5050 `\tstidxcs{glshyperlink}`). The `\tstidxsty{testidx-glossaries}` package
5051 just loads the base `\tstidxsty{glossaries}` package by default. Use
5052 the `\tstidxstyopt{testidx-glossaries}{extra}` package option to also
5053 load `\tstidxsty{glossaries-extra}`. The `\tstidxphrase{visual effects}` in this
5054 `\tstidxphrase{dummy text}` are provided to illustrate where the
5055 indexing occurs. The `\tstidxsty{testidx-glossaries}` package
5056 doesn't attempt to produce a well-designed index or glossary. Its

```

5057 \tstidxword{purpose} is to help you \tstidxword{test} your chosen
5058 \tstidxword{design}, which is easier to do with a
5059 relatively small test \tstidxword{document}, than with a large
5060 \tstidxword{book}. The \tstidxphrase{dummy text} is intended to pro-
    duce an
5061 \tstidxword{index} that is at least three pages long to allow you
5062 to test the page headers and footers in a two-sided document.
5063 The \tstidxqt{mcolindexgroup} style is set by default (rather than
5064 the \tstidxqt{list} style) as that style more closely represents
5065 the style used in indexes.
5066 \if@tstidx@setdescription
5067   However, since this document has used the
5068   \tstidxstyopt{testidx-glossaries}{desc} option,
5069   the style is instead set to \tstidxqt{indexgroup}.
5070 \else
5071   If you use the \tstidxstyopt{testidx-glossaries}{desc} option,
5072   the style will instead be set to \tstidxqt{indexgroup}.
5073 \fi
5074 You can change the style using \tstidxcs{setglossarystyle}.
5075 By default the \tstidxqt{tree} styles (including
5076 \tstidxqt{mcolindexgroup}) display the name field in bold in the
5077 \tstidxword{glossary}. This is governed by the command
5078 \tstidxcs{glstreenamefmt}, which may be redefined as appropriate.
5079 You can hide the visual effects with the
5080 \tstidxstyopt{testidx}{hidemarks} package option.%
5081 \iftestidxshowmarks
5082 \else
5083   \space (It seems you already have this option set.
5084   Remove it or use \tstidxstyopt{testidx}{showmarks} to show them
5085   again.)%
5086 \fi
5087 }
5088 \let\@tidx@org@par@ii\@tidx@par@ii
5089 \let\@tidx@par@ii\@tidx@gls@par@ii

```

@tidx@par@iii **Modify the third paragraph.**

```

5090 \newcommand*\@tidx@gls@par@iii{%
5091   The actual place where the indexing occurs in this
5092   \if@tstidx@use@encaps
5093     \tstidxphrase[tstidxencapiii]{dummy text}
5094   \else
5095     \tstidxphrase{dummy text}
5096   \fi
5097   is marked with the symbol
5098   \tstidxindexmarker{tstidxmarker} if there is no \tstidxword{range}
5099 or
5100   \tstidxphrase{cross-reference}. The
5101   \if@tstidx@use@encaps
5102     \tstidxword[tstidxencapi]{word}

```



```

5103 \else
5104   \tstidxword{word}
5105 \fi
5106 or
5107 \if@tstidx@use@encaps
5108   \tstidxword[tstidxencapii]{phrase}
5109 \else
5110   \tstidxword{phrase}
5111 \fi
5112 adjacent to this \tstidxword{marker} is
5113 the text being indexed.\tstidxfootnote{The indexing may
5114 occur before or after the \tstidxword{word} or \tstidxword{phrase}
5115 (\tstidxphrase{link text}) being indexed in this
5116 \if@tstidx@use@encaps
5117   \tstidxphrase[tstidxencapiii]{dummy text},
5118 \else
5119   \tstidxphrase{dummy text},
5120 \fi
5121 but there's no
5122 space between the \tstidxword{marker} and the term being indexed.
5123 Incidentally, this \tstidxword{footnote} text was produced
5124 using the command \tstidxcs{tstidxfootnote}, which you can
5125 redefined as required. (It defaults to just \tstidxcs{footnote}.)}
5126 A sub-entry is indicated with the symbol
5127 \tstidxindexmarker{tstidxsubmarker} and a sub-sub-entry is
5128 indicated with the symbol \tstidxindexmarker{tstidxsubsubmarker}.
5129 If an \tstidxword{encap} value is provided, both the
5130 \if@tstidx@use@encaps
5131   \tstidxword[tstidxencapiii]{text}
5132 \else
5133   \tstidxword{text}
5134 \fi
5135 and the
5136 \if@tstidx@use@encaps
5137   \tstidxword[tstidxencapii]{marker}
5138 \else
5139   \tstidxword{marker}
5140 \fi
5141 are typeset in the \tstidxword{argument} of the corresponding
5142 command.
5143 (The text occurring in the document is also typeset within the
5144 argument of
5145 \tstidxcs{tstidxtext}. The default value is to use a dark grey, but
5146 since the
5147 default values for the \tstidxword{predefined} encaps used in this
5148 text all
5149 change the colour, the dark grey will only apply where the encap
5150 hasn't
5151 been set.) There are three \tstidxword{encap} values used

```

5152 throughout this

5153 `\tstidxphrase{dummy text}` (unless you've used the

5154 `\tstidxstyopt{testidx}{notestencaps}` package option):

5155 `\if@tstidx@use@encaps`

5156 `\tstidxencapcsn[tstidxencapi]{tstidxencapi},`

5157 `\else`

5158 `\tstidxencapcsn{tstidxencapi},`

5159 `\fi`

5160 `\if@tstidx@use@encaps`

5161 `\tstidxencapcsn[tstidxencapii]{tstidxencapii}`

5162 `\else`

5163 `\tstidxencapcsn{tstidxencapii}`

5164 `\fi`

5165 and

5166 `\if@tstidx@use@encaps`

5167 `\tstidxencapcsn[tstidxencapiiii]{tstidxencapiiii}.`

5168 `\else`

5169 `\tstidxencapcsn{tstidxencapiiii}.`

5170 `\fi`

5171 (The default values use `\tstidxcs{textcolor}`, so you might want to

5172 use the

5173 `\tstidxstyopt{hyperref}{hidelinks}` option

5174 if you want to use the `\tstidxsty{hyperref}` package.)

5175 If you use the `\tstidxstyopt{testidx-glossaries}{noseekey}` package op-

5176 cross-referenced entry (using `\tstidxcs{glssee}\if@tstidx@hasseealsokey`

5177 `\ or \tstidxcs{glsxtrindexseealso}\fi`) is identified

5178 using the `\tstidxword{marker} \tstidxindexmarker{tstidxseemarker}`

5179 and the cross-referenced information is displayed as

5180 a `\tstidxphrase{marginal note}` by default, with the term being indexed

5181 followed by the `\tstidxword{cross-reference}`.

5182 For example,

5183 `\tstidxword{lyuk}\tstindexsee{lyuk}{seealso}{digraph}` has

5184 the marker `\tstidxmarker\` to show that the word `\tstidxqt{lyuk}` was

5185 indexed. If the

5186 `\tstidxstyopt{testidx-glossaries}{noseekey}` package option is set,

5187 this is followed by the marker `\tstidxseemarker\` to show that

5188 a cross-reference to `\tstidxword{digraph}` has also been indexed (with the de-

5189 tails shown in

5190 the margin).

5190 `\if@tstidx@useglsseekey`

5191 This document has used the `\tstidxstyopt{testidx-glossaries}{seekey}` pack-

5192 age option,

5192 which means that `\tstidxcs{glssee}`

5193 `\if@tstidx@hasseealsokey`

5194 and `\tstidxcs{glsxtrindexseealso}` aren't

5195 `\else`

5196 `isn't`

5197 `\fi`

5198 used in the `\tstidxphrase{dummy text}`.
5199 Instead the `\tstidxqt{see}`
5200 `\if@tstidx@hasseealsokey`
5201 and `\tstidxqt{seealso}` keys provided in the entry definition were
5202 `\else`
5203 key provided in the entry definition was
5204 `\fi`
5205 used to perform the `\tstidxword{cross-reference}` at the time the en-
try was
5206 defined, and so no markers or marginal notes are displayed.
5207 `\else`
5208 This document has used the `\tstidxstyopt{testidx-glossaries}{noseekey}` pack-
age option. This option ignores the `\tstidxqt{see}`
5209 `\if@tstidx@hasseealsokey`
5210 and `\tstidxqt{seealso}` keys
5211 `\else`
5212 key
5213 `\fi`
5214 within the entry definitions for testing purposes. If you use the
5215 `\tstidxstyopt{testidx-glossaries}{seekey}`
5216 package option instead, the `\tstidxqt{see}`
5217 `\if@tstidx@hasseealsokey`
5218 and `\tstidxqt{seealso}` keys will
5219 be used when defining the entries with cross-references instead of
5220 using `\tstidxcs{glssee}` and `\tstidxcs{glsxtrindexseealso}`.
5221 `\else`
5222 key will be used when defining the entries with cross-references in-
stead of
5223 using `\tstidxcs{glssee}`.
5224 `\fi`
5225 No markers will appear in that case as the
5226 cross-referencing will be performed when the entry is defined in
5227 the preamble.
5228 `\fi`
5229 A sub-level `\tstidxword{cross-reference}` is identified with the
5230 `\tstidxword{marker}` `\tstidxindexmarker{tstidxsubseemarker}` and the
5231 marginal note displays the main term followed by the sub-term (sepa-
rated by the
5232 symbol `\tstidxsubseesep`). The `\tstidxword{marker}` used for the start of
5233 a range is `\tstidxindexmarker{tstidxopenmarker}` and the
5234 `\tstidxword{marker}` used for the end of
5235 a range is `\tstidxindexmarker{tstidxclosemarker}`
5236 unless the entry is a sub-level, in which case the
5237 `\tstidxword{marker}` for the start of the range is
5238 `\tstidxindexmarker{tstidxopensubmarker}`
5239 and the `\tstidxword{marker}` used for the end of a range is
5240 `\tstidxindexmarker{tstidxclosesubmarker}`, or for a sub-sub-level
5241 `\tstidxindexmarker{tstidxopensubsubmarker}` and
5242 `\tstidxindexmarker{tstidxclosesubsubmarker}`. There are no tests for

```

5243 any further sub-levels. Although \tstidxapp{xindy} allows more than
5244 three levels (\tstidxapp{makeindex} doesn't), it's somewhat
5245 \tstidxword{excessive} to go below a sub-sub-level.
5246 You'll have to add your own tests for anything deeper.%
5247
5248 }
5249 \let\@tidx@org@par@iii\@tidx@par@iii
5250 \let\@tidx@par@iii\@tidx@gls@par@iii

```

\@tidx@par@iv **Modify the fourth paragraph.**

```

5251 \newcommand*\@tidx@gls@par@iv{%
5252 Here's an \tstidxword{example} of the start of a
5253 \tstidxopenword{range} but
5254 remember that a range must also have an end, so make sure that
5255 \tstidxword{block}~\@tidx@closerangepar\ has been included in this
5256 \if@tstidx@use@encaps
5257   \tstidxphrase[tstidxencapiii]{dummy text},
5258 \else
5259   \tstidxphrase{dummy text},
5260 \fi
5261 which closes this
5262 \tstidxword{example}.
5263 When the \tstidxstyopt{testidx}{verbose} option is used with just
5264 \tstidxsty{testidx}, the indexing information
5265 will show the \tstidxword{argument} being passed to
5266 \tstidxcs{tstindex} (which will cause \tstidxphrase{overfull lines}).
5267 Since the \tstidxsty{testidx-glossaries} package doesn't use
5268 \tstidxcs{tstindex}, the \tstidxstyopt{testidx-glossaries}{verbose} pack-
age
5269 option will instead write information to the transcript file showing the
5270 label, name field, sort field, text field, parent field and see field for each
5271 entry as it's defined. (The parent and see fields may be empty).
5272 If the \tstidxstyopt{testidx-glossaries}{tex} package option is
5273 used, the sorting may take a long time (since \TeX\ is being used
5274 to sort the entries). In this case, the
5275 \tstidxstyopt{testidx-glossaries}{verbose} package
5276 option will also write information while it's sorting the entries,
5277 so that you know \TeX\ is still doing something and hasn't got stuck.
5278 This document has the
5279 \iftestidxverbose
5280   \tstidxstyopt{testidx-glossaries}{verbose} package
5281 \else
5282   \tstidxstyopt{testidx-glossaries}{noverbose} package
5283 \fi
5284 option set.%
5285 }
5286 \let\@tidx@org@par@iv\@tidx@par@iv
5287 \let\@tidx@par@iv\@tidx@gls@par@iv

```

\@tidx@par@vi **Modify the sixth paragraph.**

```
5288 \newcommand*{\@tidx@gls@par@vi}{%
5289 On the subject of \tstidxapp{xindy}, if you want to use it with
5290 this \tstidxword{example} document, you'll need to add the
5291 \tstidxword{encap} values used in this \tstidxphrase{dummy text}
5292 as allowed attributes. (Don't forget you'll also need the
5293 \tstidxstyopt{testidx-glossaries}{xindy} package option when you
5294 load \tstidxsty{testidx-glossaries}.) With the \tstidxsty{glossaries} pack-
age,
5295 this means using \tstidxcs{GlsAddXdyAttribute} with the
5296 encap name as the argument. For example
5297 \begin{flushleft}\ttfamily
5298 \string\GlsAddXdyAttribute\expandafter\@gobble\string\{tstidxencapi\expandafter\@g
5299 \string\GlsAddXdyAttribute\expandafter\@gobble\string\{tstidxencapii\expandafter\@
5300 \string\GlsAddXdyAttribute\expandafter\@gobble\string\{tstidxencapiii\expandafter\@
5301 \end{flushleft}
5302 This sets up allowed encap values and how they should be formatted.
5303 The ordering of the allowed \tstidxword{attributes} here gives the
5304 \tstidxencapcsn{tstidxencapi} encap precedence in the
5305 event of a \tstidxphrase{multiple encaps} clash, since it's the
5306 first one in the list.
5307 Check out the difference between using \tstidxapp{xindy} and
5308 \tstidxapp{makeindex} on this document. Also check the difference
5309 between using \tstidxapp{makeglossaries} and
5310 \tstidxapp{makeglossaries-lite} to build this document.
5311 The \tstidxsubword{location list}{page separator} is given by
5312 \tstidxcs{delimN}, and the
5313 \tstidxsubword{location list}{range separator}%
5314 \tstindexsee{range separator}{see}{location list} is given by
5315 \tstidxcs{delimR}.
5316 On the subject of location lists, the word
5317 \tstidxword{passim} (meaning \tstidxqt{here and there}) is
5318 sometimes used to tidy up ragged lists. For example,
5319 the locations \tstidxqt{1, 3, 4, 6, 7} may look neater as
5320 \tstidxqt{1-7 passim}, which indicates references are scattered (here
5321 and there) throughout that range.
5322 The \tstidxapp{bib2gls} application may be used with the
5323 \tstidxsty{glossaries-extra} package instead of
5324 \tstidxapp{makeindex} or \tstidxapp{xindy}. Use the
5325 \tstidxstyopt{testidx-glossaries}{bib2gls} package option to set up
5326 this dummy text to use it. Note that this option doesn't make use
5327 of the prefix commands \tstidxcs{tstidxindexmarkerprefix} or
5328 \tstidxcs{tstidxindexmathsymprefix}. The
5329 \tstidxstyopt{testidx}{prefix} package option will instead alter
5330 the way the bib files are loaded to produce a similar grouping.%
5331 }
5332 \let\@tidx@org@par@vi\@tidx@par@vi
5333 \let\@tidx@par@vi\@tidx@gls@par@vi
```

@sanitizernote

```
5334 \newcommand{\@tidx@gl@sanitizernote}{%
5335 \space You currently have the
5336 \@tstidx@ifsanitize
5337 {\tstidxstyopt{testidx-glossaries}{sanitize} option on.
5338 This means that the words containing \tstidxword{UTF-8} characters will
5339 first be sanitized before being passed to \tstidxcs{tstindex}, which
5340 will allow you to test how well the \tstidxphrase{indexing applica-
tion}
5341 sorts \tstidxword{UTF-8} characters. If you'd rather test how
5342 \tstidxcs{index} writes these characters to the file read by the
5343 indexing application, use the \tstidxstyopt{testidx-glossaries}{nosanitize}
5344 option instead. This may cause the \tstidxword{UTF-8} characters to be
5345 written in terms of \tstidxcs{IeC}.
5346 }%
5347 {\tstidxstyopt{testidx-glossaries}{nosanitize} option on.
5348 This means that the words containing \tstidxword{UTF-8} characters
5349 may be written to the file processed by the
5350 \tstidxphrase{indexing application} in terms of
5351 \tstidxcs{IeC}. This allows you to test how \tstidxcs{index} behaves.
5352 If you'd rather test how the indexing application sorts
5353 \tstidxword{UTF-8} characters, use the
5354 \tstidxstyopt{testidx-glossaries}{sanitize}
5355 option instead, which will sanitize the \tstidxword{UTF-8} characters
5356 before passing them to \tstidxcs{tstindex}.
5357 }%
5358 The \tstidxstyopt{testidx-glossaries}{nosanitize} option doesn't
5359 have an effect when used with the
5360 \tstidxstyopt{testidx-glossaries}{bib2gl} package option, since
5361 the sort value isn't written to an external file.%
5362 }
5363 \let\@tidx@org@sanitizernote\@tidx@sanitizernote
5364 \let\@tidx@sanitizernote\@tidx@gl@sanitizernote
```

ipaccentsnote

```
5365 \newcommand{\@tidx@gl@stripaccentsnote}{%
5366 \space The \tstidxstyopt{testidx-glossaries}{stripaccents} package op-
tion will
5367 effectively do, for example,
5368 \texttt{sort=\char`\{elite\char`\},
5369 name=\char`\{\string\elite\char`\}}
5370 whereas the
5371 \tstidxstyopt{testidx-glossaries}{nostripaccents} package option will
5372 effectively do, for example,
5373 \texttt{sort=\char`\{\string\elite\char`\},
5374 name=\char`\{\string\elite\char`\}}. These options have
5375 no effect in UTF-8 mode.%
5376 }
5377 \let\@tidx@org@stripaccentsnote\@tidx@stripaccentsnote
```

```
5378 \let\@tidx@stripaccentsnote\@tidx@gls@stripaccentsnote
```

dx@scriptnote

```
5379 \newcommand*{\@tidx@gls@scriptnote}{%
5380 (Note how the subscripts and superscripts can be affected
5381 by material inserted between the symbol and the sub- and
5382 superscripts. With the \tstidxsty{glossaries} package, this can be
5383 avoided by using the final optional argument of commands like
5384 \tstidxcs{gls} to bring the scripts into the
5385 \tstidxphrase{link text}, but not if the scripts also include
5386 \tstidxcs{gls}, as the superscript does here.)
5387 }
5388 \let\@tidx@org@scriptnote\@tidx@scriptnote
5389 \let\@tidx@scriptnote\@tidx@gls@scriptnote
```

erlettergroup

```
5390 \newcommand*{\@tidx@gls@numberlettergroup}{%
5391 If you're using \tstidxapp{xindy}, the \tstidxqt{glsnumbers}
5392 letter group (with the title \tstidxqt{glsnumbersgroupname}) will
5393 automatically be added to your \texttt{.xdy}
5394 file unless you switch off this feature with the
5395 \tstidxstyopt{testidx-glossaries}{noglsnumbers} package option.
5396 }
5397 \let\@tidx@org@numberlettergroup\@tidx@numberlettergroup
5398 \let\@tidx@numberlettergroup\@tidx@gls@numberlettergroup
```

hslettergroup

```
5399 \newcommand*{\@tidx@gls@mathslettergroup}{%
5400 \@testidx@ifusebibgls
5401 {%
5402 Now I've been a bit fancy here and used multiple bib files
5403 to define the glossary entries. The maths symbols are defined in
5404 their own separate bib file.
5405 \iftstidxprefix
5406 This document has used the \tstidxstyopt{testidx}{prefix} package
5407 option, which means that \tstidxcs{tstidxmakegloss} is defined to
5408 perform separate sorts for each resource block, which enables the
5409 maths symbols to appear in their own group.
5410 \else
5411 This document has used the \tstidxstyopt{testidx}{noprefix} package
5412 option, which means that \tstidxcs{tstidxmakegloss} is defined to
5413 sort the maths symbols together with the main entries. If you
5414 use the \tstidxstyopt{testidx}{prefix} package instead, the maths
5415 symbols will be sorted separately and placed in their own group.
5416 \fi
5417 If you haven't used \tstidxcs{tstidxmakegloss} then the above
5418 won't apply. If you don't use the
5419 \tstidxstyopt{testidx-glossaries}{bib2gls} package option, then
5420 the \tstidxstyopt{testidx}{prefix} package will instead insert
```

```

5421 \texttt{\tstidxmathsymprefix} in front of
5422 the sort key so I can get \tstidxapp{xindy} to create a special
5423 group for the maths symbols. Here's
5424 }%
5425 {%
5426 \iftestidxprefix
5427 Now I've been a bit fancy here and inserted
5428 \texttt{\tstidxmathsymprefix} in front of
5429 the sort key so I can get \tstidxapp{xindy} to create a special
5430 group for the maths symbols. Here's
5431 \else
5432 This document has used the \tstidxstyopt{testidx}{noprefix}
5433 package option, which has switched of the sort prefixes.
5434 If you use the \tstidxstyopt{testidx}{prefix} option I can be a
5435 bit fancy here and insert
5436 \texttt{\tstidxmathsymprefix} in front of
5437 the sort key so I can get \tstidxapp{xindy} to create a special
5438 group for the maths symbols. When you switch on the prefixes here's
5439 \fi
5440 }%
5441 the code you can add to your document to implement it:
5442 \begin{flushleft}\ttfamily
5443 \string\GlsAddLetterGroup\glsopenbrace Maths\glsclosebrace\glsopenbrace
5444 \string:prefixes (\string"\tstidxmathsymprefix\string")
5445 \string:before \string"glnumbers\string"\glsclosebrace
5446 \end{flushleft}
5447 }
5448 \let\@tidx@org@mathslettergroup\@tidx@mathslettergroup
5449 \let\@tidx@mathslettergroup\@tidx@gl@mathslettergroup

```

This file contains the definitions of words containing glyphs representing the digraphs ll, ij and dz.

```

5450 \tstidxnewutfdigraph{ll}{ll}{ll}{a \gls hyperlink{digraph} used in
5451 a number of languages. In Welsh, LL is considered a separate letter
5452 from L and may be rendered as a ligature ll}
5453 \tstidxnewutfdigraph{ij}{ij}{ij}{a \gls hyperlink{digraph} used in Dutch that's some-
5454 times
5455 considered
5456 a separate letter from I and may be rendered as the ligature IJ}
5457 \tstidxnewutfdigraph{dz}{dz}{dz}{a \gls hyperlink{digraph} used in
5458 a number of languages. In Hungarian, Dz is considered a separate
5459 letter
5460 from D and may be rendered as the ligature Dz}
5461 \tstidxnewutfword{llan}{llan}{llan}{commonly used placename element in Brit-
5462 tonic
5463 languages (such as Welsh) typically indicating parish church}
5464 \tstidxnewutfword{llama}{llama}{llama}{domesticate animal found in the An-
5465 des}
5466 \tstidxnewutfword{lijnbus}{lijnbus}{lijnbus}{bus (Dutch)}
5467 \tstidxnewutfword{ijsvrij}{ijsvrij}{ijsvrij}{frost (Dutch)}

```


5465 \tstidxnewutfword{dzwon}{dzwon}{dzwon}{bell (Polish)}
5466 \tstidxnewutfword{dzeta}{dz\`eta}{dzéta}{the Greek letter zeta
5467 (Hungarian)}

This file contains the definitions of words containing the digraphs ll, ij and dz.

5468 \tstidxnewdigraph{ll}{a \glshyperlink{digraph} used in
5469 a number of languages. In Welsh, LL is considered a separate letter
5470 from L and may be rendered as a ligature}
5471 \tstidxnewdigraph{ij}{a \glshyperlink{digraph} used in Dutch that's some-
times considered
5472 a separate letter from I and may be rendered as a ligature}
5473 \tstidxnewdigraph{dz}{a \glshyperlink{digraph} used in
5474 a number of languages. In Hungarian, Dz is considered a separate
5475 letter
5476 from D and may be rendered as a ligature}
5477 \tstidxnewword{llan}{commonly used placename element in Brittonic
5478 languages (such as Welsh) typically indicating parish church}
5479 \tstidxnewword{llama}{domesticate animal found in the Andes}
5480 \tstidxnewword{lijnbus}{bus (Dutch)}
5481 \tstidxnewword{ijsvrij}{frost (Dutch)}
5482 \tstidxnewword{dzwon}{bell (Polish)}
5483
5484 \tstidxnewutfword{dzeta}{dz\`eta}{dzéta}{the Greek letter zeta
5485 (Hungarian)}

This file contains the definitions of all the terms except for those containing the digraphs ll, ij and dz. There are a few terms that aren't actually used in the modified dummy text produced with testidx-glossaries, but are provided to compare indexed with non-indexed entries. First the terms that have sub-items need to be defined:

5486 \tstidxnewword{packages}{files provided to adjust the document
5487 design or provide new commands}
5488 \tstidxnewword{books}{written or printed works}
5489 \tstidxnewword{films}{stories recorded by camera}
5490 \tstidxnewword{people}{human individuals (or fictional
5491 anthropomorphisms)}
5492 \tstidxnewword{places}{particular areas or locations}
5493 \tstidxnewword{applications}{computer programs}
5494 \tstidxnewword{environments}{a marked-up block within the document
5495 that requires special action or formatting}
5496 \tstidxnewword{attributes}{qualities or features that characterise
5497 something}

Now define words.

5498 \tstidxnewword{parse}{divide a sentence into its component parts for
5499 analysis}
5500 \tstidxnewword{interpret}{translate or explain the meaning of}
5501 \tstidxnewword{oak}{large tree that produces acorns}
5502 \tstidxnewword{daft}{silly or foolish}
5503 \tstidxnewword{rhubarb}{thick reddish or green leaf stalks
5504 of a plant from the dock family}

5505 \tstidxnewword{rhinoceros}{a large plant-eating mammal
5506 with one or two horns on its nose}
5507 \tstidxnewword{aardvark}{an African mammal}
5508 \tstidxnewword{check}{make sure something is the case}
5509 \tstidxnewword{chalk}{soft limestone substance made into sticks to
5510 use for writing}
5511 \tstidxnewword{index}{an alphabetical list of names, terms or
5512 subjects with references to where they occur in the document}
5513 \tstidxnewword{phrase}{group of words forming a unit}
5514 \tstidxnewword{glossary}{an alphabetical list of words with
5515 explanations}
5516 \tstidxnewword{layout}{the way something is laid out (for example,
5517 on a page)}
5518 \tstidxnewword{filler}{something used to fill in gaps or increase bulk}
5519 \tstidxnewwordseealso{padding}{something used
5520 to pad out material to make it longer}{filler}
5521 \tstidxnewword{example}{thing used to illustrate something}
5522 \tstidxnewword{purpose}{the reason for doing something}
5523 \tstidxnewword{whatsit}{In \TeX terms, a mechanism to allow
5524 extensions to \TeX, including writing to files or providing
5525 special instructions to printing devices. More generally,
5526 a whatsit is an unnamed person or thing}
5527 \tstidxnewword{test}{a means of testing something}
5528 \tstidxnewword{design}{plan or purpose}
5529 \tstidxnewword{document}{a piece of written, printed or electronic
5530 matter that provides information}
5531 \tstidxnewword{book}{written or printed work}
5532 \tstidxnewword{range}{area of variation or scope}
5533 \tstidxnewword{word}{single unit of language which has meaning}
5534 \tstidxnewword{marker}{an identifying symbol}
5535 \tstidxnewword{footnote}{additional information written at the
5536 bottom of a page}
5537 \tstidxnewword{encap}{the format used to encapsulate the location}
5538 \tstidxnewword{text}{written or printed or electronically
5539 represented words}
5540 \tstidxnewword{argument}{parameter passed to a command or
5541 application}
5542 \tstidxnewword{predefined}{already defined}
5543 \tstidxnewword{excessive}{more than normal or desired}
5544 \tstidxnewword{block}{large quantity of things viewed as a unit}
5545 \tstidxnewword{paragraph}{block of writing, beginning on a new line}
5546 \tstidxnewword{waffle}{speak or write vague or trivial information in a lengthy way
5547 \tstidxnewword{gibberish}{meaningless or hard to comprehend speech
5548 or writing}
5549 \tstidxnewwordsee{gobbledegook}{language that is
5550 difficult to understand}{gibberish}
5551 \tstidxnewword{clarify}{make it easier to understand}
5552 \tstidxnewword{confidential}{private or secret information}
5553 \tstidxnewword{roundabout}{not direct}

5554 \tstidxnewword{fashion}{a way of doing something}
5555 \tstidxnewwordseealso{illustration}{an example to explain something}{example}
5556 \tstidxnewword{wit}{natural talent for saying or writing things in
5557 an amusing or clever way}
5558 \tstidxnewword{eloquence}{fluent or persuasive speech or writing}
5559 \tstidxnewword{adage}{popular saying}
5560 \tstidxnewword{motto}{short sentence of phrase expressing a belief
5561 or aim}
5562 \tstidxnewword{verbiage}{excessively length speech or writing}
5563 \tstidxnewword{drivel}{nonsense}
5564 \tstidxnewword{tutor}{teacher}
5565 \tstidxnewword{grass}{in addition to the plant, also slang for
5566 reporting criminal activity}
5567 \tstidxnewword{distress}{cause anxiety}
5568 \tstidxnewword{concordance}{an alphabetical list of important words
5569 used in a document}
5570 \tstidxnewword{ogling}{staring at someone in a lecherous manner}
5571 \tstidxnewwordsee{gawping}{staring in a rude or stupid manner}{ogling}
5572 \tstidxnewword{passim}{referencing various places in a document}
5573 \tstidxnewword{localisation}{place or position}
5574 \tstidxnewword{digraph}{two letters representing a single sound}
5575 \tstidxnewword{trigraph}{three letters representing a single sound}
5576 \tstidxnewwordseealso{lyuk}{hole (Hungarian)}{digraph}
5577 \tstidxnewwordseealso{dzsungel}{jungle (Hungarian)}{trigraph}
5578 \tstidxnewword{nonsense}{something that doesn't make sense}
5579 \tstidxnewword{vol-au-vent}{small round puff pastry containing
5580 savoury food}
5581 \tstidxnewword{two}{number following one}
5582 \tstidxnewword{sculpture}{artwork made of wood, metal or stone}
5583 \tstidxnewword{Venus}{Roman goddess (or planet named after her)}
5584 \tstidxnewword{zoo}{place containing animals}
5585 \tstidxnewword{alphabet}{ordered set of letters used to form words}
5586 \tstidxnewword{resume}{continue after an interruption}
5587 \tstidxnewword{fly}{travel by air}
5588 \tstidxnewword{aeroplane}{fixed wing flying vehicle}
5589 \tstidxnewword{window}{opening in wall or window to view out or in}
5590 \tstidxnewword{ogonek}{a diacritic hook placed under the lower right
5591 corner of a vowel}
5592 \tstidxnewword{sail}{travel by or navigate a boat}
5593 \tstidxnewword{ship}{large boat}
5594 \tstidxnewword{OT1}{one of the original font encodings provided with
5595 \TeX}
5596 \tstidxnewword{UTF-8}{character encoding that uses 8-bit code units}
5597 \tstidxnewword{life}{existence}
5598 \tstidxnewword{universe}{all existing space and matter}
5599 \tstidxnewword{even}{multiple of two}
5600 \tstidxnewword{century}{period of 100 years or a score of 100 runs}
5601 \tstidxnewword{cricket}{bat and ball game played between two teams
5602 with eleven players on either side}

5603 \tstidxnewword{calendar}{chart or list showing a period of time}
5604 \tstidxnewword{prefix}{word or letter placed at the start of another
5605 word}
5606 \tstidxnewword{gobsmacked}{astonished}
5607 \tstidxnewword{astounded}{shocked or very surprised}
5608 \tstidxnewword{quaint}{old-fashioned or unusual}
5609 \tstidxnewword{yatter}{chatter or talk non-stop}
5610 \tstidxnewword{yawn}{open one's mouth due to tiredness or boredom}
5611 \tstidxnewword{quirky}{peculiar or unexpected habits}
5612 \tstidxnewword{badinage}{witty conversation}
5613 \tstidxnewword{expire}{come to an end}
5614 \tstidxnewword{story}{account or description of imaginary or real
5615 events}
5616 \tstidxnewword{begin}{start something}
5617 \tstidxnewword{forget}{fail to remember something}
5618 \tstidxnewword{tale}{a story}
5619 \tstidxnewword{adventure}{unusual or exciting or daring experience}
5620 \tstidxnewword{derring-do}{heroic action}
5621 \tstidxnewword{hero}{principle male character in a story or a person
5622 admired for their achievements}
5623 \tstidxnewword{title}{name of a document or work, or a name that
5624 describes a position}
5625 \tstidxnewword{knight}{a man raised to military rank after service
5626 as a page or squire, or a man entitled to use \tstidxqt{Sir} before
5627 his name}
5628 \tstidxnewword{handsome}{good-looking}
5629 \tstidxnewword{bold}{confident or brave}
5630 \tstidxnewword{brave}{prepared to face danger or difficulties}
5631 \tstidxnewword{duck}{a waterbird with a blunt bill, short legs and webbed feet}
5632 \tstidxnewword{name}{word or words by which something is known}
5633 \tstidxnewword{plight}{dangerous situation}
5634 \tstidxnewword{land}{area of ground}
5635 \tstidxnewword{OgRe}{an ogre is a man-eating giant or a terrifying
5636 person. The silly capitalisation is just a reference to \TeX's output
5637 routine}
5638 \tstidxnewword{reference}{referring to something}
5639 \tstidxnewword{perilous}{dangerous or full of risk}
5640 \tstidxnewword{quest}{long or difficult search for something}
5641 \tstidxnewword{xor}{\LaTeX3 experimental output routine}
5642 \tstidxnewword{continuation}{state of continuing}
5643 \tstidxnewword{newcomers}{recent arrivals}
5644 \tstidxnewword{nod}{in addition to the action of moving one's head
5645 up and down, also indicates a reference of acknowledgement of
5646 something}
5647 \tstidxnewword{centre}{point in the middle (UK spelling)}
5648 \tstidxnewword{center}{point in the middle (US spelling)}
5649 \tstidxnewword{lore}{tradition or knowledge of a particular subject}
5650 \tstidxnewword{raft}{flat water vessel made from pieces of wood
5651 tied together}

5652 \tstidxnewword{external}{belonging outside of something}
5653 \tstidxnewword{pun}{play on words}
5654 \tstidxnewword{joke}{something said to amuse others}
5655 \tstidxnewword{witty}{having the ability to say clever or
5656 amusing things}
5657 \tstidxnewword{cameo}{small part in a story for a distinguished
5658 actor}
5659 \tstidxnewword{exclamation}{sudden cry}
5660 \tstidxnewword{bog}{area of soft, wet, muddy ground}
5661 \tstidxnewword{leviathans}{very large, powerful thing (such as a sea
5662 monster)}
5663 \tstidxnewword{vale}{valley}
5664 \tstidxnewword{doom}{fate}
5665 \tstidxnewword{chaos}{complete confusion or disorder}
5666 \tstidxnewword{butterfly}{winged insect}
5667 \tstidxnewword{motif}{repeated theme}
5668 \tstidxnewword{sentence}{set of words forming a complete statement,
5669 instruction or question}
5670 \tstidxnewword{conjunction}{word used to connect words or clauses}
5671 \tstidxnewword{naughty}{badly behaved}
5672 \tstidxnewword{leap}{jump far or high across something}
5673 \tstidxnewword{bound}{leaping movement}
5674 \tstidxnewword{sword}{weapon with a long metal blade}
5675 \tstidxnewword{myriad}{countless or a very great number}
5676 \tstidxnewword{clones}{identical copy}
5677 \tstidxnewword{repetition}{something that's been repeated}
5678 \tstidxnewword{lair}{hiding place or den}
5679 \tstidxnewword{roar}{loud, deep sound}
5680 \tstidxnewword{peace}{freedom from war or anxiety}
5681 \tstidxnewword{harmony}{arranged well or peacefully together}
5682 \tstidxnewword{span}{length of time or full extent or extend across
5683 something}
5684 \tstidxnewword{fear}{anxiety about something unpleasant}
5685 \tstidxnewword{thrilling}{exciting}
5686 \tstidxnewword{quixotic}{impractically unselfish and idealist}
5687 \tstidxnewword{sea}{large area of salt water}
5688 \tstidxnewword{seal}{seal-dwelling fish-eating mammal with flippers}
5689 \tstidxnewword{seaborne}{transported or travelling by sea}
5690 \tstidxnewword{zither}{a type of stringed musical instrument}
5691 \tstidxnewword{zealous}{having great enthusiasm for something}
5692 \tstidxnewword{fan}{an admirer of something}
5693 \tstidxnewword{youthful}{seeming young}
5694 \tstidxnewword{magic}{having the apparent power of supernatural or
5695 mysterious forces}
5696 \tstidxnewword{magical}{relating to or using magic}
5697 \tstidxnewword{yo-yo}{a round toy consisting of two discs and a
5698 piece of string}
5699 \tstidxnewword{wily}{using cunning or crafty methods to gain an
5700 advantage}

5701 \tstidxnewword{wombat}{a type of small marsupial}
5702 \tstidxnewword{warrior}{brave or experienced fighter}
5703 \tstidxnewword{laser-guided}{guided by a laser}
5704 \tstidxnewword{villainous}{characteristic of a villain}
5705 \tstidxnewword{zany}{amusingly unconventional}
5706 \tstidxnewword{zoologist}{someone who studies animals}
5707 \tstidxnewword{xebec}{a type of small sailing ship}
5708 \tstidxnewword{xenon}{a type of inert gas}
5709 \tstidxnewword{xylem}{a plant tissue}
5710 \tstidxnewword{xylene}{a type of liquid hydrocarbon}
5711 \tstidxnewword{zounds}{an exclamation}
5712 \tstidxnewword{Ooh}{an exclamation}
5713 \tstidxnewword{zucchini}{a type of long, green summer squash (called
5714 a courgette in British English)}
5715 \tstidxnewword{xylophone}{a type of musical instrument}
5716 \tstidxnewword{exhilarating}{pleasing or energetic}
5717 \tstidxnewword{yuppie}{urban well-paid young middle-class professional}
5718 \tstidxnewword{yoghurt}{thick, liquid food made from milk}
5719 \tstidxnewword{yummy}{delicious}
5720 \tstidxnewword{yuck}{disgusting}
5721 \tstidxnewword{Viking}{a member of Scandinavian seafaring people
5722 between the eighth and eleventh centuries}
5723 \tstidxnewword{vignette}{brief episode}
5724 \tstidxnewword{viceroy}{a person who governs a colony on behalf of
5725 the sovereign}
5726 \tstidxnewword{vichyssoise}{a type of soup}
5727 \tstidxnewword{viceregal}{relating to a viceroy}
5728 \tstidxnewword{quiz}{game or competition}
5729 \tstidxnewword{glyph}{small graphic symbol}
5730 \tstidxnewword{asleep}{in or into a state of sleep}
5731 \tstidxnewword{ashore}{to or on shore or land}
5732 \tstidxnewword{aspire}{to have strong ambitions to be or do something}
5733 \tstidxnewword{assailed}{past tense of assail}
5734 \tstidxnewword{recover}{get well again}
5735 \tstidxnewword[name={re-cover}]{reecover}{to cover again}

Digraphs and trigraph:

5736 \tstidxnewdigraph{cz}{digraph in some languages, such as Polish}
5737 \tstidxnewdigraph{dd}{digraph in some languages, such as Welsh}
5738 \tstidxnewdigraph{ff}{digraph in some languages, such as Welsh}
5739 \tstidxnewdigraph{ng}{digraph in some languages, such as Welsh}
5740 \tstidxnewdigraph{ly}{digraph in some languages, such as Hungarian}
5741 \tstidxnewtrigraph{dzs}{Hungarian \glshyperlink{trigraph} considered a separate letter}

Some words with the Welsh dd digraph:

5742 \tstidxnewword{ddisgynedig}{descending (Welsh)}
5743 \tstidxnewword{ddyrchafedig}{advanced (Welsh)}
5744 \tstidxnewword{ffotograff}{photo (Welsh)}
5745

Some words with the Hungarian ly and dz diagraphs:

5746 \tstidxnewutfword{dzsoker}{dzs\ 'oker}{dzsóker}{joker (Hungarian)}

and a Polish cz digraph:

5747 \tstidxnewutfword{czesc}{cze\s\ 'c}{cześć}{hello (Polish)}

Now for some English words with accents.

5748 \tstidxnewutfword{elite}{\ 'elite}{élite}{group of people regarded as
5749 the best of a particular society or organisation}

5750 \tstidxnewutfword{aesthetic}{\ae sthetic}{æsthetic}{concerning
5751 beauty}

5752 \tstidxnewutfword{blase}{blas\ 'e}{blasé}{unimpressed or indifferent
5753 due to familiarity}

5754 \tstidxnewutfword{protege}{prot\ 'eg\ 'e}{protégé}{person guided by an
5755 older more experienced person}

5756 \tstidxnewutfword{clientele}{client\ 'ele}{clientèle}{all the clients
5757 of a particular business}

5758 \tstidxnewutfword{resumee}{r\ 'esum\ 'e}{résumé}{summary of something
5759 or curriculum vitae}

5760 \tstidxnewutfword{soiree}{soir\ 'ee}{soirée}{an evening social
5761 gathering involving conversation or music}

5762 \tstidxnewutfword{phoenix}{ph\oe nix}{phoenix}{mythical bird that
5763 periodically burned itself and was reborn from the ashes}

5764 \tstidxnewutfword{decor}{d\ 'ecor}{décor}{the furnishings and
5765 decorations of a room}

5766 \tstidxnewutfword{faerie}{f\ae rie}{færie}{fairyland}

5767 \tstidxnewutfword{facade}{fa\c\c\ade}{façade}{the front face of a
5768 building}

5769 \tstidxnewutfword{aethereal}{\ae thereal}{æthereal}{light, airy or
5770 tenuous}

5771 \tstidxnewutfword{debutante}{d\ 'ebutante}{débutante}{a young
5772 upper-class woman making her first appearance in society}

5773 \tstidxnewutfword{naive}{na\ " \{i\}ve}{naïve}{lacking experience or
5774 wisdom}

5775 \tstidxnewutfword{foetid}{f\oe tid}{fœtid}{smelling very unpleasant}

5776 \tstidxnewutfword{cliche}{clich\ 'e}{cliché}{overused phrase or idea}

5777 \tstidxnewutfword{deshabille}{d\ 'eshabill\ 'e}{deshabillé}{the state
5778 of being only partially clothed}

5779 \tstidxnewutfword{negligee}{n\ 'eglig\ 'ee}{négligée}{a woman's very
5780 thin dressing gown}

5781 \tstidxnewutfword{cafe}{caf\ 'e}{café}{small restaurant that sells
5782 light meals}

5783 \tstidxnewutfword{anaemic}{an\ae mic}{anæmic}{suffering from anaemia}
5784

5785 \tstidxnewutfwordsee{thornletter}{\th}{p}{thorn}{thorn}

5786 \tstidxnewutfwordsee{ethletter}{\dh}{ð}{eth}{eth}

5787 \tstidxnewutfword{thorn}{thorn (\th)}{thorn (p)}{Old English and

5788 Icelandic runic letter. In English, eventually replaced by the

5789 digraph \tstidxqt{th}}

5790 \tstidxnewutfword{eth}{eth (\dh)}{eth (ð)}{Old English letter eventually
5791 superseded by the digraph \tstidxqt{th}, but still in use in
5792 some other languages}
5793 \tstidxnewutfword{oesophagus}{\oe sophagus}{æsophagus}{part of the
5794 alimentary canal}

Places.

5795 \tstidxnewplace{Poland}{an Eastern European country}
5796 \tstidxnewplace{Glasgow}{a Scottish city}
5797 \tstidxnewplace{Iceland}{a Nordic island nation}
5798 \tstidxnewplace{Nghaerdydd}{Cardiff}
5799 \tstidxnewplace{Nghymru}{Wales}
5800 \tstidxnewplace{Ffestiniog}{a place in Wales}

Places with extended Latin characters.

5801 \tstidxnewutfplace{Ostergotland}{\ "Osterg\ "otland}{Östergötland}{a
5802 county in Sweden}
5803 \tstidxnewutfplace{Angelholm}{\ "Angelholm}{Ängelholm}{a place in
5804 Sweden}
5805 \tstidxnewutfplace{Oresund}{\O resund}{Øresund}{a strait which
5806 separates Denmark and Sweden}
5807 \tstidxnewutfplace{Tarnby}{T\ r{a}rnby}{Tårnby}{a town in Denmark}
5808 \tstidxnewutfplace{Rodovre}{R\ o dovre}{Rødovre}{a Danish town}
5809 \tstidxnewutfplace{Naestved}{N\ ae stved}{Næstved}{a Danish town on
5810 the island of Zealand}
5811 \tstidxnewutfplace{OlstykkeStenlose}{\O lstykke-Stenl\ o se}%
5812 {Ølstykke-Stenløse}{a Danish city in North Zealand}
5813 \tstidxnewutfplace{Asslar}{A\ ss lar}{Aßlar}{German town}
5814 \tstidxnewutfplace{BadGottleubaBerggiesshubel}%
5815 {Bad Gottleuba-Berggie\ ss h\ "ubel}{Bad Gottleuba-Berggießhübel}%
5816 {a town in the Free State of Saxony, Germany}
5817 \tstidxnewutfplace{Lodz}{\L\ 'od\ 'z}{Łódź}{Polish city}
5818 \tstidxnewutfplace{Swietokrzyskie}{\ 'Swi\ k{e}tokrzyskie}%
5819 {Świętokrzyskie}{Polish province}
5820 \tstidxnewutfplace{Zory}{\ .Zory}{Żory}{Polish town and city county}
5821 \tstidxnewutfplace{Zelechow}{\ .Zelech\ 'ow}{Żelechów}%
5822 {Polish town}
5823 \tstidxnewutfplace{Lobez}{\L obez}{Łobez}{Polish town}
5824 \tstidxnewutfplace{Glogow}{G\ l og\ 'ow}{Głogów}{Polish town}
5825 \tstidxnewutfplace{Cmielow}{\ 'Cmiel\ 'ow}{Ćmielów}{Polish town}
5826 \tstidxnewutfplace{Scinawa}{\ 'Scinawa}{Ścinawa}{Polish town}
5827 \tstidxnewutfplace{Swidnica}{\ 'Swidnica}{Świdnica}{Polish town}
5828 \tstidxnewutfplace{Olvesvatn}{\ "Olvesvatn}{Ölvesvatn}{Icelandic lake}
5829 \tstidxnewutfplace{Ulfsvatn}{\ 'Ulfsvatn}{Úlfsvatn}{Icelandic lake}
5830 \tstidxnewutfplace{Anavatn}{\ 'Anavatn}{Ánavatn}{Icelandic lake}
5831 \tstidxnewutfplace{Masvatn}{M\ 'asvatn}{Másvatn}{Icelandic lake}
5832 \tstidxnewutfplace{Thrihyrningsvatn}{\ TH r\ '\{i}hyrningsvatn}%
5833 {Þríhyrningsvatn}{Icelandic lake}
5834 \tstidxnewutfplace{Sigridharstadhavatn}%

5835 {Sigr'\{i}\dh arsta\dh avatn}{Sigríðarstaðavatn}%
5836 {Icelandic lagoon}
5837 \tstidxnewutfplace{Graenavatn}{Gr\ae navatn}{Grænavatn}%
5838 {Icelandic lake}
5839 \tstidxnewutfplace{Arneslon}{\'Arnesl\'on}{Árneslón}%
5840 {Icelandic lake}
5841 \tstidxnewutfplace{Isholsvatn}{\'Ish\'olsvatn}{Íshólsvatn}%
5842 {Icelandic lake}

Place starting with an article.

5843 \tstidxnewartplace{the}{Bog of Eternal Stench}{place in the film
5844 \glshyperlink{Labyrinth}}

Phrases.

5845 \tstidxnewphrase{dado rail}{waist-high moulding around the
5846 wall of a room}
5847 \tstidxnewphrase{indexing application}{an application that generates
5848 a document index}
5849 \tstidxnewphrase{visual effects}{use of imagery to create an effect}
5850 \tstidxnewphrase{dummy text}{sample text used for demonstration not
5851 for its content}
5852 \tstidxnewphrase{page break}{the point where document text is broken
5853 across two pages}
5854 \tstidxnewphrase{link text}{for the \glshyperlink{glossariespackage}
5855 package, this refers to the text inserted into the document
5856 through commands like \glshyperlink{cs.gls}}
5857 \tstidxnewphrase{cross-reference}{reference to another part of the
5858 document or to a part of another document}
5859 \tstidxnewphrase{marginal note}{text that's placed in the page
5860 margin}
5861 \tstidxnewphrase{overfull lines}{lines where the text extends into
5862 the margin because of a formatting failure}
5863 \tstidxnewphrase{lorem ipsum}{dummy text}
5864 \tstidxnewphrase{between you, me and the gatepost}{an expression
5865 meaning you're telling someone a secret that shouldn't be passed on
5866 (common in some British dialects)}
5867 \tstidxnewphrase{way with words}{have a particular talent with words}
5868 \tstidxnewphrase{creative writing}{writing typically identified
5869 by narrative craft, character development and use of literary tropes}
5870 \tstidxnewphrase{cut to the chase}{get to the point}
5871 \tstidxnewphrase{get to the point}{state something directly}
5872 \tstidxnewphraseseeealso{keep mum}{be silent about something}{confidential}
5873 \tstidxnewphrase{output routine}{\TeX's method of outputting a page}
5874 \tstidxnewphrase{out of whack}{out of order or not working}
5875 \tstidxnewphrase{page dimensions}{the dimensions of a page (such as
5876 the page width and page height)}
5877 \tstidxnewphrase{font family}{the name of a font}
5878 \tstidxnewphrase{font size}{the size of a font}
5879 \tstidxnewphraseseeealso{location list}%
5880 {the list of locations used in an index to indicate where

5881 the term being referenced was used in the document}{crossreference}
5882 \tstidxnewphrase{see}{range separator}{the symbol
5883 used between the start and end location to indicate a range}{locationlist}
5884 \tstidxnewphrase{page number}{the number identifying a
5885 particular page}
5886 \tstidxnewphrase{multiple encaps}{a warning issued by
5887 \glshyperlink{makeindex} when the same page number is indexed
5888 with different encap values}
5889 \tstidxnewphrase{input encoding}{the character encoding used
5890 in the document source code}
5891 \tstidxnewphrase{font encoding}{the encoding used by the document
5892 font}
5893 \tstidxnewphrase{extended Latin characters}{Latin characters outside
5894 the basic ASCII set}
5895 \tstidxnewphrase{cup of tea}{an expression indicating what one likes
5896 or is interested in}
5897 \tstidxnewphrase{whistle-stop tour}{a series of short visits to
5898 different places}
5899 \tstidxnewphrase{number group}{a group associated with numbers}
5900 \tstidxnewphrase{prime number}{a number that is only divisible by
5901 itself and 1}
5902 \tstidxnewphrase{hold my breath}{stop breathing temporarily, also
5903 used as an expression to indicate a state of anticipation or
5904 suspense}
5905 \tstidxnewphrase{letter groups}{groups associated with letters}
5906 \tstidxnewphrase{Once upon a time}{an expression commonly used at
5907 the start of fairy tales}
5908 \tstidxnewphrase{across the pond}{colloquial expression indicating
5909 the other side of the Atlantic}
5910 \tstidxnewphrase{bad form}{an offence against accepted behaviour}
5911 \tstidxnewphrase{Monty Python}{a British surreal comedy group}
5912 \tstidxnewphrase{magic incantation}{words used to create a magical
5913 effect}
5914 \tstidxnewphrase{common knowledge}{something widely known}
5915 \tstidxnewphrase{intrepid hero}{a hero known for his boldness
5916 and bravery}
5917 \tstidxnewphrase{sea lion}{a type of large seal}
5918 \tstidxnewphrase{sealant gun}{a device used for applying sealant}
5919 \tstidxnewphrase{zoot suit}{a suit typically having a long loose
5920 jacket and high-waisted trousers}
5921 \tstidxnewphrase{anonymous reviewer}{an unnamed reviewer}
5922 \tstidxnewphrase{yule log}{a large log traditionally burnt on
5923 Christmas Eve or a log-shaped chocolate cake}
5924 \tstidxnewphrase{vice-president}{a president's deputy}
5925 \tstidxnewphrase{vice admiral}{a high rank of naval officer}
5926 \tstidxnewphrase{Victoria plum}{a large, red, dessert plum}
5927 \tstidxnewphrase{Victoria sponge}{a sponge cake consisting of two
5928 layers with jam filling in between}
5929 \tstidxnewphrase{vice versa}{reversing the order of the items just

5930 mentioned}
5931 \tstidxnewphrase{vice chancellor}{a deputy chancellor of a
5932 British university in charge of its administration}
5933 \tstidxnewphrase{letter ordering}{ordering according to the
5934 individual characters}
5935 \tstidxnewphrase{word ordering}{ordering according to the
5936 language or locale's definition of words}
5937 \tstidxnewphrase{mot juste}{the most appropriate word}

Phrases with extended Latin characters.

5938 \tstidxnewutfphrase{attachecase}{attach\'e case}{attaché case}%
5939 {small, flat briefcase for carrying documents}
5940 \tstidxnewutfphrase{piedaterre}{pied-\`a-terre}{pied-à-terre}%
5941 {small flat or house kept for occasional use}
5942 \tstidxnewutfphrase{bergerehat}{berg\`ere hat}{bergère hat}%
5943 {a type of wide-brimmed straw hat}

Phrases starting with an article.

5944 \tstidxnewartphrase{the}{commercial world}{pertaining to commerce}
5945 \tstidxnewartphrase{a}{far away land}{somewhere that's far away; a
5946 term often used in fairy tales}
5947 \tstidxnewartphrase{the}{Golden Arara}{a made-up item in the dummy
5948 text}
5949 \tstidxnewartphrase{the}{Mighty Helm of Knuth}{a made-up item in the dummy
5950 text}
5951 \tstidxnewartphrase{the}{Legendary Sword}{a made-up item in the dummy
5952 text}
5953 \tstidxnewartphrase{the}{Bog of Eternal Glossaries}{a made-up place in the dummy
5954 text}
5955 \tstidxnewartphrase{the}{Dread Vale of the Editors}{a made-up place in the dummy
5956 text}
5957 \tstidxnewartphrase{the}{butterflies of chaos}{the butterfly effect
5958 is a popular method of describing aspects of chaos theory}
5959 \tstidxnewartphrase{The}{End}{denotes the end of a
5960 story, especially fairy tales}

Sub-entries (terms).

5961 \tstidxnewsword{document}{properties}{attributes such as page size}
5962 \tstidxnewsword{font encoding}{OT1}{one of the original font
5963 encodings supplied with \TeX}
5964 \tstidxnewswordsee{hero}{intrepid}{a hero known for his boldness
5965 and bravery}{intrepidhero}

Sub-entries (phrases).

5966 \tstidxnewsphrase{location list}{page separator}%
5967 {symbol used to separate page references}
5968 \tstidxnewsphrase{location list}{range separator}%
5969 {symbol used to mark page range references}

People.

5970 \tstidxnewperson{James}{Joyce}{an author}

5971 \tstidxnewperson{Donald}{Knuth}{creator of \TeX}
 5972 \tstidxnewperson{Paulo}{Cereda}{creator of \glshyperlink{arara}}
 5973 \tstidxnewperson{Sir}{Quackalot}{fictitious character}
 5974 \tstidxnewperson{the}{Fairy Goose}{fictitious character}
 5975 \tstidxnewperson{David}{Carlisle}{member of the \LaTeX3 team}
 5976 \tstidxnewperson{Joseph}{Wright}{member of the \LaTeX3 team}

People (extended Latin characters).

5977 \tstidxnewutfperson{Anders Jonas}{\AA ngstr\"om}%
 5978 [AndersJonasAngstrom]{Anders Jonas}{Ångström}%
 5979 {Swedish physicist}

Books.

5980 \tstidxnewbook{Ulysses}{a modernist novel by James Joyce}
 5981 \tstidxnewbook{Sir Quackalot and the Golden Arara}{a fictitious book}
 5982 \tstidxnewbook{Sir Quackalot and the Hyper Lake of Doom}{a fictitious book}
 5983 \tstidxnewbook{Compact Oxford English Dictionary}{a dictionary}

Books starting with an article.

5984 \tstidxnewartbook{The}{Hitchhiker's Guide to the Galaxy}{a comedy
 5985 series by Douglas Adams, originally created for radio but later
 5986 adapted to book, TV and film}
 5987 \tstidxnewartbook{The}{Adventures of Sir Quackalot}{a fictitious book}

Films.

5988 \tstidxnewfilm{Labyrinth}{a musical fantasy film}

Films starting with an article.

5989 \tstidxnewartfilm{The}{Third Man}{a British film noir}

Symbols.

5990 \tstidxnewsym{TeX}{\TeX}{a typesetting system created by Donald
 5991 Knuth}

Maths.

5992 \tstidxnewmath{f(x)}[fx]{f(\protect\vec{x})}{a function of x }
 5993 \tstidxnewmath{n}{n}{an integer}
 5994 \tstidxnewmath{E}{E}{energy}

Maths symbols.

5995 \tstidxnewmathsym{alpha}{\protect\alpha}{Greek letter alpha}
 5996 \tstidxnewmathsym{beta}{\protect\beta}{Greek letter beta}
 5997 \tstidxnewmathsym{gamma}{\protect\gamma}{Greek letter gamma}
 5998 \tstidxnewmathsym{sum}{\protect\sum}{summation}
 5999 \tstidxnewmathsym{partial}{\protect\partial}{partial derivative}
 6000 \tstidxnewmathsym{eth}[spinderiv]{\protect\eth}{spin-weighted partial deriva-
 tive}

Packages.

6001 \tstidxnewsty{testidx}{package that produces dummy text for testing
 6002 index styles and indexing applications}
 6003 \tstidxnewsty{testidx-glossaries}{package that produces dummy text
 6004 for testing glossary styles and indexing applications that integrate}

6005 with the `\glshyperlink{glossariespackage}` or
6006 `\glshyperlink{glossariesextrapackage}` packages}
6007 `\tstidxnewsty{glossaries}`{a package for creating glossaries or lists
6008 of terms, symbols or abbreviations}
6009 `\tstidxnewsty{glossaries-extra}`{an extension to the
6010 `\glshyperlink{glossariespackage}` package}
6011 `\tstidxnewsty{hyperref}`{a package that provides extensive support
6012 for hypertext}
6013 `\tstidxnewsty{lipsum}`{a package that generates dummy text}
6014 `\tstidxnewsty{inputenc}`{a package that can be used to identify the doc-
6015 \tstidxnewstyseealso{fontenc}{a package that can be used to set the font
6016 encoding}{inputencpackage}
6017 `\tstidxnewsty{amsmath}`{a package that provides AMS mathematical
6018 facilities}
6019 `\tstidxnewsty{amssymb}`{a package that provides mathematical
6020 symbols}
6021 `\tstidxnewsty{longtable}`{a package that allows tables to flow over
6022 page boundaries}
6023 `\tstidxnewsty{makeidx}`{a package that provides indexing
6024 facilities}
6025 `\tstidxnewsty{imakeidx}`{a sophisticated package that provides indexing
6026 facilities}

Package options.

6027 `\tstidxnewstyopt{testidx-glossaries}{extra}`{load the
6028 `\glshyperlink{glossariesextrapackage}` package}
6029 `\tstidxnewstyopt{testidx-glossaries}{noextra}`{don't load the
6030 `\glshyperlink{glossariesextrapackage}` package (only load
6031 `\glshyperlink{glossariespackage}`)}
6032 `\tstidxnewstyopt{testidx-glossaries}{noseekey}`{don't use the
6033 `\tstidxqt{see}` key to implement the cross-referencing (use
6034 `\glshyperlink{cs.glssee}` instead)}
6035 `\tstidxnewstyopt{testidx-glossaries}{seekey}`{use the
6036 `\tstidxqt{see}` key to implement the cross-referencing}
6037 `\tstidxnewstyopt{testidx-glossaries}{xindy}`{set up the
6038 `\glshyperlink{glossariespackage}` package to use `\glshyperlink{xindy}`
6039 as the indexing application}
6040 `\tstidxnewstyopt{testidx-glossaries}{tex}`{set up the
6041 `\glshyperlink{glossariespackage}` package to use `\TeX\` to
6042 sort and collate the entries}
6043 `\tstidxnewstyopt{testidx-glossaries}{bib2gls}`{set up the
6044 `\glshyperlink{glossariesextrapackage}` package to use
6045 `\glshyperlink{bib2gls}` as the indexing application}
6046 `\tstidxnewstyopt{testidx-glossaries}{noglsnumbers}`{pass
6047 the `\tstidxstyoptfmt{glsnumbers=false}` option to the
6048 `\glshyperlink{glossariespackage}` package}
6049 `\tstidxnewstyopt{testidx-glossaries}{glsnumbers}`{pass
6050 the `\tstidxstyoptfmt{glsnumbers=true}` option to the
6051 `\glshyperlink{glossariespackage}` package}

```

6052 \tstidxnewstyopt{testidx-glossaries}{verbose}{write
6053 information about the test entries in the transcript file}
6054 \tstidxnewstyopt{testidx-glossaries}{noverbose}{don't write
6055 information about the test entries in the transcript file}
6056 \tstidxnewstyopt{testidx-glossaries}{desc}{add descriptions
6057 to the dummy entries}
6058 \tstidxnewstyopt{testidx-glossaries}{sanitize}{sanitize the sort value}
6059 \tstidxnewstyopt{testidx-glossaries}{nosanitize}{don't sanitize the
6060 sort value}
6061 \tstidxnewstyopt{testidxglossaries}{stripaccents}{in ASCII mode, strip ac-
        cent
6062 commands from the sort value}
6063 \tstidxnewstyopt{testidxglossaries}{nostripaccents}{in ASCII mode, strip ac-
        cent
6064 commands from the sort value}
6065 \tstidxnewstyopt{testidx}{hidemarks}{hide the marks showing
6066 where the indexing is occurring}
6067 \tstidxnewstyopt{testidx}{showmarks}{mark
6068 where the indexing is occurring}
6069 \tstidxnewstyopt{testidx}{notestencaps}{don't use the
6070 test encaps}
6071 \tstidxnewstyopt{testidx}{verbose}{show the index
6072 commands in the document text}
6073 \tstidxnewstyopt{testidx}{noverbose}{don't show the index
6074 commands in the document text}
6075 \tstidxnewstyopt{testidx}{digraphs}{use glyphs instead of
6076 the two-character digraphs for certain words}
6077 \tstidxnewstyopt{testidx}{german}{change the
6078 \glshyperlink{makeindex} quote character to allow the
6079 double-quote character to indicate an umlaut}
6080 \tstidxnewstyopt{testidx}{ngerman}{change the
6081 \glshyperlink{makeindex} quote character to allow the
6082 double-quote character to indicate an umlaut}
6083 \tstidxnewstyopt{testidx}{sanitize}{sanitize the sort value
6084 before passing it to the indexing command}
6085 \tstidxnewstyopt{testidx}{nosanitize}{don't sanitize the sort value
6086 before passing it to the indexing command}
6087 \tstidxnewstyopt{testidx}{stripaccents}{in ASCII mode, strip accent
6088 commands from the sort value}
6089 \tstidxnewstyopt{testidx}{nostripaccents}{in ASCII mode, strip accent
6090 commands from the sort value}
6091 \tstidxnewstyopt{testidx}{prefix}{insert a prefix before the sort
6092 value for certain symbols}
6093 \tstidxnewstyopt{testidx}{noprefix}{don't insert a prefix before the sort
6094 value for certain symbols}
6095 \tstidxnewstyopt{hyperref}{hidelinks}{don't use a visual effect to
6096 show the hyperlinks}
6097 \tstidxnewstyopt{fontenc}{T1}{set the font encoding to T1}

```

Environments.

6098 `\tstidxnewenv{theindex}`{environment used to display an index}
6099 `\tstidxnewenv{align}`{environment provided by the
6100 `\glshyperlink{amsmathpackage}` package to align equations}
6101 `\tstidxnewenv{eqnarray}`{environment provided by the `\LaTeX\`
6102 kernel to align equations}

Applications.

6103 `\tstidxnewapp{bib2gls}`{an indexing application designed
6104 to work with the `\glshyperlink{glossariesextrapackage}` package}
6105 `\tstidxnewapp{makeindex}`{an indexing application}
6106 `\tstidxnewapp{xindy}`{a highly-configurable indexing application with
6107 localisation support}
6108 `\tstidxnewapp{texdoc}`{an application for viewing documentation
6109 installed in a `\TeX\` distribution}
6110 `\tstidxnewapp{arara}`{an automation tool for building documents}
6111 `\tstidxnewapp{Perl}`{a scripting language}
6112 `\tstidxnewapp{makeglossaries}`{a Perl script provided with the
6113 `\glshyperlink{glossariespackage}` package that automatically runs
6114 either `\glshyperlink{makeindex}` or `\glshyperlink{xindy}`
6115 according to the document settings}
6116 `\tstidxnewapp{makeglossaries-lite}`{a light-weight Lua alternative to
6117 `\glshyperlink{makeglossaries}`}
6118 `\tstidxnewapp{Emacs}`{a text editor}
6119 `\tstidxnewapp{Vi}`{a text editor}

Application options.

6120 `\tstidxnewappopt{xindy}{-L swedish}`{use the Swedish language module}
6121 `\tstidxnewappopt{xindy}{-L danish}`{use the Danish language module}
6122 `\tstidxnewappopt{xindy}{-L polish}`{use the Polish language module}
6123 `\tstidxnewappopt{xindy}{-L icelandic}`{use the Icelandic language mod-
6124 ule}
6124 `\tstidxnewappopt{xindy}{-L german-duden}`{use the German language
6125 module with the duden setting}
6126 `\tstidxnewappopt{xindy}{-L german-din5007}`{use the German language
6127 module with the din5007 setting}
6128 `\tstidxnewappopt{xindy}{-M ord/letorder}`{use the letter ordering
6129 module}
6130 `\tstidxnewappopt{makeindex}{-g}`{use the German setting that
6131 recognises the double-quote character as an umlaut command}
6132 `\tstidxnewappopt{makeindex}{-l}`{use letter ordering}

Index markers.

6133 `\tstidxnewindexmarker{tstidxmarker}`{indicates where the indexing
6134 command was used for a top-level (level~0) entry}
6135 `\tstidxnewindexmarker{tstidxsubmarker}`{indicates where the indexing
6136 command was used for a level~1 entry}
6137 `\tstidxnewindexmarker{tstidxsubsubmarker}`{indicates where the indexing
6138 command was used for a level~2 entry}
6139 `\tstidxnewindexmarker{tstidxopenmarker}`{indicates where
6140 the start of a range was indexed for a top-level (level~0) entry}
6141 `\tstidxnewindexmarker{tstidxclosemarker}`{indicates where

6142 the end of a range was indexed for a top-level (level~0) entry}
6143 `\tstidxnewindexmarker{tstidxopensubmarker}`{indicates where
6144 the start of a range was indexed for a level~1 entry}
6145 `\tstidxnewindexmarker{tstidxclosesubmarker}`{indicates where
6146 the end of a range was indexed for a level~1 entry}
6147 `\tstidxnewindexmarker{tstidxopensubsubmarker}`{indicates where
6148 the start of a range was indexed for a level~2 entry}
6149 `\tstidxnewindexmarker{tstidxclosesubsubmarker}`{indicates where
6150 the end of a range was indexed for a level~2 entry}
6151 `\tstidxnewindexmarker{tstidxseemarker}`{indicates where the indexing
6152 command was used to cross-reference a top-level (level~0) entry}
6153 `\tstidxnewindexmarker{tstidxsubseemarker}`{indicates where the indexing
6154 command was used to cross-reference a level~1 entry}

Encaps.

6155 `\tstidxnewencapcsn{tstidxencapi}`{first test encap}
6156 `\tstidxnewencapcsn{tstidxencapii}`{second test encap}
6157 `\tstidxnewencapcsn{tstidxencapiiii}`{third test encap}

Control sequences.

6158 `\tstidxnewcs{index}`{write information to the external index file
6159 that will be processed by an indexing application (defined by the
6160 `\LaTeX\ kernel`)}
6161
6162 `\tstidxnewcs{testidx}`{produce the dummy text (defined in the
6163 `\glshyperlink{testidxpackage}` package)}
6164
6165 `\tstidxnewcs{tstidxtoidx}`{switch back to the original definitions
6166 provided by the base `\glshyperlink{testidxpackage}` package (defined
6167 in the `\glshyperlink{testidxglossariespackage}` package)}
6168
6169 `\tstidxnewcs{gls}`{reference a term defined by the
6170 `\glshyperlink{glossariespackage}` package (displays text and performs
6171 indexing)}
6172
6173 `\tstidxnewcs{glspl}`{as `\glshyperlink{cs.gls}` but displays the
6174 plural form}
6175
6176 `\tstidxnewcs{glsadd}`{indexes a term defined by the
6177 `\glshyperlink{glossariespackage}` package (but doesn't display any text)}
6178
6179 `\tstidxnewcs{glssee}`{indexes a cross-referenced term or terms defined by the
6180 `\glshyperlink{glossariespackage}` package (but doesn't display any text)}
6181
6182 `\tstidxnewcs{glsxtrindexseealso}`{indexes a `\tstidxqt{see also}`
6183 cross-referenced term or terms defined by the
6184 `\glshyperlink{glossariesextrapackage}` package (but doesn't display any text)}
6185
6186 `\tstidxnewcs{glshyperlink}`{displays the text associated with a
6187 term (with a hyperlink if enabled) but doesn't perform

6188 any indexing (defined by the `\glshyperlink{glossariespackage}` package)
6189
6190 `\tstidxnewcs{setglossarystyle}`{sets the glossary style
6191 (defined by the `\glshyperlink{glossariespackage}` package)}
6192
6193 `\tstidxnewcs{delimN}`{page delimiter used in location lists
6194 (defined by the `\glshyperlink{glossariespackage}` package)}
6195
6196 `\tstidxnewcs{delimR}`{page range delimiter used in location lists
6197 (defined by the `\glshyperlink{glossariespackage}` package)}
6198
6199 `\tstidxnewcs{tstidxfootnote}`{produces a footnote
6200 (defined by the `\glshyperlink{testidpackage}` package)}
6201
6202 `\tstidxnewcs{footnote}`{produces a footnote
6203 (defined by the `\LaTeX\ kernel`)}
6204
6205 `\tstidxnewcs{tstidxtext}`{used to mark the sample text being indexed
6206 (defined by the `\glshyperlink{testidpackage}` package)}
6207
6208 `\tstidxnewcs{textcolor}`{displays the given text in the given colour
6209 (a colour package is required to enable this command)}
6210
6211 `\tstidxnewcs{glstreenamefmt}`{used to set the font for
6212 the name field in the tree-like glossary styles}
6213
6214 `\tstidxnewcs{tstindex}`{used to index the sample text
6215 for the base `\glshyperlink{testidpackage}` package (not for the
6216 `\glshyperlink{testidglossariespackage}` package)}
6217
6218 `\tstidxnewcs{GlsAddXdyAttribute}`{adds a `\glshyperlink{xindy}`
6219 attribute (provided by the `\glshyperlink{glossariespackage}` package)}
6220
6221 `\tstidxnewcs{IeC}`{used internally by the
6222 `\glshyperlink{inputencpackage}`
6223 package}
6224
6225 `\tstidxnewcs{tstidxindexmarkerprefix}`{prefix used in the
6226 sort key for markers if the `\tstidxstyoptfmt{prefix}`
6227 option is used (but not with the `\tstidxstyoptfmt{bib2gls}`
6228 option)}
6229
6230 `\tstidxnewcs{tstidxindexmathsymprefix}`{prefix used in the
6231 sort key for mathematical symbols if the `\tstidxstyoptfmt{prefix}`
6232 option is used (but not with the `\tstidxstyoptfmt{bib2gls}`
6233 option)}
6234
6235 `\tstidxnewcs{tstidxmakegloss}`{command used to load
6236 the files containing the sample glossary definitions}

6237 and also use the appropriate command to initialise the indexing,
6238 depending on the package options}

Numbers.

```
6239 \tstidxnewnumber{42}{forty-two}
6240 \tstidxnewnumber{10}{ten}
6241 \tstidxnewnumber{16}{sixteen}
6242 \tstidxnewnumber{2}{two}
6243 \tstidxnewnumber{100}{one hundred}

6244 %<<COMMENT
6245 % Encoding: UTF-8
6246 %COMMENT
6247
6248 @index{ll,
6249   name={ll},
6250   category={digraph},
6251   description={a \glshyperlink{digraph} used in
6252 a number of languages. In Welsh, LL is considered a separate letter
6253 from L and may be rendered as the ligature ll}
6254 }
6255
6256 @index{ij,
6257   name={ij},
6258   category={digraph},
6259   description={a \glshyperlink{digraph} used in Dutch that's sometimes con-
6260 sidered
6261 a separate letter from I and may be rendered as the ligature IJ}
6261 }
6262
6263 @index{dz,
6264   name={dz},
6265   category={digraph},
6266   description={a \glshyperlink{digraph} used in
6267 a number of languages. In Hungarian, Dz is considered a separate let-
6268 ter
6269 from D and may be rendered as the ligature Dz}
6269 }
6270
6271 @index{llan,
6272   name={llan},
6273   category={word},
6274   description={commonly used placename element in Brittonic
6275 languages (such as Welsh) typically indicating parish church}
6276 }
6277
6278 @index{llama,
6279   name={llama},
6280   category={word},
6281   description={domesticate animal found in the Andes}
```

```

6282 }
6283
6284 @index{lijnbus,
6285   name={lijnbus},
6286   category={word},
6287   description={bus (Dutch)}
6288 }
6289
6290 @index{ijsvrij,
6291   name={ijsvrij},
6292   category={word},
6293   description={frost (Dutch)}
6294 }
6295
6296 @index{dzwon,
6297   name={dzwon},
6298   category={word},
6299   description={bell (Polish)}
6300 }
6301
6302 @index{dzeta,
6303   name={dzéta},
6304   category={word},
6305   description={the Greek letter zeta (Hungarian)}
6306 }
6307 %<<COMMENT
6308 % Encoding: ASCII
6309 %COMMENT
6310
6311 @symbol{tstidxmarker,
6312   name={\protect\tstidxmarker\space(\protect\tstidxcsfmt{tstidxmarker})},
6313   category={indexmarker},
6314   description={indicates where the indexing command was used for a
6315 top-level (level~0) entry}
6316 }
6317
6318 @symbol{tstidxsubmarker,
6319   name={\protect\tstidxsubmarker\space(\protect\tstidxcsfmt{tstidxsubmarker})},
6320   category={indexmarker},
6321   description={indicates where the indexing
6322 command was used for a level~1 entry}
6323 }
6324
6325 @symbol{tstidxsubsubmarker,
6326   name={\protect\tstidxsubsubmarker\space(\protect\tstidxcsfmt{tstidxsubsubmarker})},
6327   category={indexmarker},
6328   description={indicates where the indexing
6329 command was used for a level~2 entry}
6330 }

```

```

6331
6332 @symbol{tstidxopenmarker,
6333   name={\protect\tstidxopenmarker\space(\protect\tstidxcsfmt{tstidxopenmarker})},
6334   category={indexmarker},
6335   description={indicates where
6336 the start of a range was indexed for a top-level (level~0) entry}
6337 }
6338
6339 @symbol{tstidxclosemarker,
6340   name={\protect\tstidxclosemarker\space(\protect\tstidxcsfmt{tstidxclosemarker})},
6341   category={indexmarker},
6342   description={indicates where
6343 the end of a range was indexed for a top-level (level~0) entry}
6344 }
6345
6346 @symbol{tstidxopensubmarker,
6347   name={\protect\tstidxopensubmarker\space(\protect\tstidxcsfmt{tstidxopensubmarker})},
6348   category={indexmarker},
6349   description={indicates where
6350 the start of a range was indexed for a level~1 entry}
6351 }
6352
6353 @symbol{tstidxclosesubmarker,
6354   name={\protect\tstidxclosesubmarker\space(\protect\tstidxcsfmt{tstidxclosesubmarker})},
6355   category={indexmarker},
6356   description={indicates where
6357 the end of a range was indexed for a level~1 entry}
6358 }
6359
6360 @symbol{tstidxopensubsubmarker,
6361   name={\protect\tstidxopensubsubmarker\space(\protect\tstidxcsfmt{tstidxopensubsubmarker})},
6362   category={indexmarker},
6363   description={indicates where
6364 the start of a range was indexed for a level~2 entry}
6365 }
6366
6367 @symbol{tstidxclosesubsubmarker,
6368   name={\protect\tstidxclosesubsubmarker\space(\protect\tstidxcsfmt{tstidxclosesubsubmarker})},
6369   category={indexmarker},
6370   description={indicates where
6371 the end of a range was indexed for a level~2 entry}
6372 }
6373
6374 @symbol{tstidxseemarker,
6375   name={\protect\tstidxseemarker\space(\protect\tstidxcsfmt{tstidxseemarker})},
6376   category={indexmarker},
6377   description={indicates where the indexing
6378 command was used to cross-reference a top-level (level~0) entry}
6379 }

```

```

6380
6381 @symbol{tstidxsubseemarker,
6382   name={\protect\tstidxsubseemarker\space(\protect\tstidxcsfmt{tstidxsubseemarker})
6383   category={indexmarker},
6384   description={indicates where the indexing
6385 command was used to cross-reference a level~1 entry}
6386 }
6387
6388
6389 %<<COMMENT
6390 % Encoding: ASCII
6391 %COMMENT
6392
6393 @symbol{alpha,
6394   name={\alpha},
6395   text={\alpha},
6396   category={mathsymbol},
6397   description={Greek letter alpha}
6398 }
6399
6400 @symbol{beta,
6401   name={\beta},
6402   text={\beta},
6403   category={mathsymbol},
6404   description={Greek letter beta}
6405 }
6406
6407 @symbol{gamma,
6408   name={\gamma},
6409   text={\gamma},
6410   category={mathsymbol},
6411   description={Greek letter gamma}
6412 }
6413
6414 @symbol{sum,
6415   name={\sum},
6416   text={\sum},
6417   category={mathsymbol},
6418   description={summation}
6419 }
6420
6421 @symbol{partial,
6422   name={\partial},
6423   text={\partial},
6424   category={mathsymbol},
6425   description={partial derivative}
6426 }
6427
6428 @symbol{spinderiv,

```

```

6429 name={\eth$},
6430 text={\eth},
6431 category={mathsymbol},
6432 description={spin-weighted partial derivative}
6433 }
6434
6435 %<<COMMENT
6436 % Encoding: UTF-8
6437 %COMMENT
6438
6439 @index{ll,
6440   name={ll},
6441   category={digraph},
6442   description={a \glshyperlink{digraph} used in
6443 a number of languages. In Welsh, LL is considered a separate letter
6444 from L and may be rendered as a ligature}
6445 }
6446
6447 @index{ij,
6448   name={ij},
6449   category={digraph},
6450   description={a \glshyperlink{digraph} used in Dutch that's sometimes con-
6451 sidered
6452 a separate letter from I and may be rendered as a ligature}
6452 }
6453
6454 @index{dz,
6455   name={dz},
6456   category={digraph},
6457   description={a \glshyperlink{digraph} used in
6458 a number of languages. In Hungarian, Dz is considered a separate
6459 letter
6460 from D and may be rendered as a ligature}
6461 }
6462
6463 @index{llan,
6464   name={llan},
6465   category={word},
6466   description={commonly used placename element in Brittonic
6467 languages (such as Welsh) typically indicating parish church}
6468 }
6469
6470 @index{llama,
6471   name={llama},
6472   category={word},
6473   description={domesticate animal found in the Andes}
6474 }
6475
6476 @index{lijnbus,

```

```

6477 name={lijnbus},
6478 category={word},
6479 description={bus (Dutch)}
6480 }
6481
6482 @index{ijsvrij,
6483 name={ijsvrij},
6484 category={word},
6485 description={frost (Dutch)}
6486 }
6487
6488 @index{dzwon,
6489 name={dzwon},
6490 category={word},
6491 description={bell (Polish)}
6492 }
6493
6494 @index{dzeta,
6495 name={dzéta},
6496 category={word},
6497 description={the Greek letter zeta (Hungarian)}
6498 }
6499
6500 %<<COMMENT
6501 % Encoding: ASCII
6502 %COMMENT
6503
6504 @index{ll,
6505 name={ll},
6506 category={digraph},
6507 description={a \glshyperlink{digraph} used in
6508 a number of languages. In Welsh, LL is considered a separate letter
6509 from L and may be rendered as a ligature}
6510 }
6511
6512 @index{ij,
6513 name={ij},
6514 category={digraph},
6515 description={a \glshyperlink{digraph} used in Dutch that's sometimes con-
6516 sidered
6517 a separate letter from I and may be rendered as a ligature}
6517 }
6518
6519 @index{dz,
6520 name={dz},
6521 category={digraph},
6522 description={a \glshyperlink{digraph} used in
6523 a number of languages. In Hungarian, Dz is considered a separate
6524 letter

```

```

6525 from D and may be rendered as a ligature}
6526 }
6527
6528 @index{llan,
6529   name={llan},
6530   category={word},
6531   description={commonly used placename element in Brittonic
6532 languages (such as Welsh) typically indicating parish church}
6533 }
6534
6535 @index{llama,
6536   name={llama},
6537   category={word},
6538   description={domesticate animal found in the Andes}
6539 }
6540
6541 @index{lijnbus,
6542   name={lijnbus},
6543   category={word},
6544   description={bus (Dutch)}
6545 }
6546
6547 @index{ijsvrij,
6548   name={ijsvrij},
6549   category={word},
6550   description={frost (Dutch)}
6551 }
6552
6553 @index{dzwon,
6554   name={dzwon},
6555   category={word},
6556   description={bell (Polish)}
6557 }
6558
6559 @index{dzeta,
6560   name={dz\ 'eta},
6561   category={word},
6562   description={the Greek letter zeta (Hungarian)}
6563 }
6564
6565
6566 %<<COMMENT
6567 % Encoding: ASCII
6568 %COMMENT
6569
6570 @number{42,
6571   name={42},
6572   category={number},
6573   description={forty-two}

```



```

6574 }
6575
6576 @number{10,
6577   name={10},
6578   category={number},
6579   description={ten}
6580 }
6581
6582 @number{16,
6583   name={16},
6584   category={number},
6585   description={sixteen}
6586 }
6587
6588 @number{2,
6589   name={2},
6590   category={number},
6591   description={two}
6592 }
6593
6594 @number{100,
6595   name={100},
6596   category={number},
6597   description={one hundred}
6598 }
6599
6600
6601 %<<COMMENT
6602 % Encoding: ASCII
6603 %COMMENT
6604
6605 @index{dzsoker,
6606   name={dzs\'oker},
6607   category={word},
6608   description={joker (Hungarian)}
6609 }
6610
6611 @index{czesc,
6612   name={cze\'s\'c},
6613   category={word},
6614   description={hello (Polish)}
6615 }
6616
6617 @index{elite,
6618   name={{\'e}lite},
6619   category={word},
6620   description={group of people regarded as
6621 the best of a particular society or organisation}
6622 }

```

6623
6624 @index{aesthetic,
6625 name={\ae sthetic},
6626 category={word},
6627 description={concerning beauty}
6628 }
6629
6630 @index{oesophagus,
6631 name={\oe sophagus},
6632 category={word},
6633 description={part of the alimentary canal}
6634 }
6635
6636 @index{blase,
6637 name={blas\'e},
6638 category={word},
6639 description={unimpressed or indifferent due to familiarity}
6640 }
6641
6642 @index{protege,
6643 name={prot\'eg\'e},
6644 category={word},
6645 description={person guided by an older more experienced person}
6646 }
6647
6648 @index{clientele,
6649 name={client\'ele},
6650 category={word},
6651 description={all the clients of a particular business}
6652 }
6653
6654 @index{resumee,
6655 name={r\'esum\'e},
6656 category={word},
6657 description={summary of something or curriculum vitae}
6658 }
6659
6660 @index{soiree,
6661 name={soir\'ee},
6662 category={word},
6663 description={an evening social gathering involving conversation or mu-
sic}
6664 }
6665
6666 @index{phoenix,
6667 name={ph\'oe nix},
6668 category={word},
6669 description={mythical bird that periodically burned itself and was re-
born from the ashes}

6670 }
6671
6672 @index{decor,
6673 name={d\'ecor},
6674 category={word},
6675 description={the furnishings and decorations of a room}
6676 }
6677
6678 @index{faerie,
6679 name={f\ae rie},
6680 category={word},
6681 description={fairyland}
6682 }
6683
6684 @index{facade,
6685 name={fa\c{c}ade},
6686 category={word},
6687 description={the front face of a building}
6688 }
6689
6690 @index{aethereal,
6691 name={\ae thereal},
6692 category={word},
6693 description={light, airy or tenuous}
6694 }
6695
6696 @index{debutante,
6697 name={d\'ebutante},
6698 category={word},
6699 description={a young upper-class woman making her first appearance in so-
society}
6700 }
6701
6702 @index{naive,
6703 name={na\{"\i}ve},
6704 category={word},
6705 description={lacking experience or wisdom}
6706 }
6707
6708 @index{foetid,
6709 name={f\oe tid},
6710 category={word},
6711 description={smelling very unpleasant}
6712 }
6713
6714 @index{cliche,
6715 name={clich\'e},
6716 category={word},
6717 description={overused phrase or idea}

```

6718 }
6719
6720 @index{deshabille,
6721   name={d\`eshabill\`e},
6722   category={word},
6723   description={the state of being only partially clothed}
6724 }
6725
6726 @index{negligee,
6727   name={n\`eglig\`ee},
6728   category={word},
6729   description={a woman's very thin dressing gown}
6730 }
6731
6732 @index{cafe,
6733   name={caf\`e},
6734   category={word},
6735   description={small restaurant that sells light meals}
6736 }
6737
6738 @index{anaemic,
6739   name={an\`ae mic},
6740   category={word},
6741   description={suffering from anaemia}
6742 }
6743
6744 @index{thornletter,
6745   name={\th},
6746   category={word},
6747   see={thorn},
6748   description={thorn}
6749 }
6750
6751 @index{thorn,
6752   name={thorn (\th)},
6753   category={word},
6754   description={Old English and Icelandic runic letter. In English, eventually replaced by the
6755 digraph \tstidxqt{th}}
6756 }
6757
6758 @index{ethletter,
6759   name={\dh},
6760   category={word},
6761   see={ethletter},
6762   description={eth}
6763 }
6764
6765 @index{eth,

```

```

6766 name={eth (\dh)},
6767 category={word},
6768 description={Old English letter eventually
6769 superseded by the digraph \tstidxqt{th}, but still in use in
6770 some other languages}
6771 }
6772
6773 @index{Ostergotland,
6774 name={{\O}sterg\otland},
6775 category={place},
6776 description={a county in Sweden}
6777 }
6778
6779 @index{places.Ostergotland,
6780 name={{\O}sterg\otland},
6781 parent={places},
6782 category={place},
6783 description={a county in Sweden}
6784 }
6785
6786 @index{Angelholm,
6787 name={{\A}ngelholm},
6788 category={place},
6789 description={a place in Sweden}
6790 }
6791
6792 @index{places.Angelholm,
6793 name={{\A}ngelholm},
6794 parent={places},
6795 category={place},
6796 description={a place in Sweden}
6797 }
6798
6799 @index{Oresund,
6800 name={\O resund},
6801 category={place},
6802 description={a strait which separates Denmark and Sweden}
6803 }
6804
6805 @index{places.Oresund,
6806 name={\O resund},
6807 parent={places},
6808 category={place},
6809 description={a strait which separates Denmark and Sweden}
6810 }
6811
6812 @index{Tarnby,
6813 name={T\r{a}rnby},
6814 category={place},

```

```

6815 description={a town in Denmark}
6816 }
6817
6818 @index{places.Tarnby,
6819 name={T\r{a}rnby},
6820 parent={places},
6821 category={place},
6822 description={a town in Denmark}
6823 }
6824
6825 @index{Rodovre,
6826 name={R\o dovre},
6827 category={place},
6828 description={a Danish town}
6829 }
6830
6831 @index{places.Rodovre,
6832 name={R\o dovre},
6833 parent={places},
6834 category={place},
6835 description={a Danish town}
6836 }
6837
6838 @index{Naestved,
6839 name={N\ae stved},
6840 category={place},
6841 description={a Danish town on the island of Zealand}
6842 }
6843
6844 @index{places.Naestved,
6845 name={N\ae stved},
6846 parent={places},
6847 category={place},
6848 description={a Danish town on the island of Zealand}
6849 }
6850
6851 @index{OlstykkeStenlose,
6852 name={\O lstykke-Stenl\o se},
6853 category={place},
6854 description={a Danish city in North Zealand}
6855 }
6856
6857 @index{places.OlstykkeStenlose,
6858 name={\O lstykke-Stenl\o se},
6859 parent={places},
6860 category={place},
6861 description={a Danish city in North Zealand}
6862 }
6863

```

```

6864 @index{Asslar,
6865   name={A\ss lar},
6866   category={place},
6867   description={German town}
6868 }
6869
6870 @index{places.Asslar,
6871   name={A\ss lar},
6872   parent={places},
6873   category={place},
6874   description={German town}
6875 }
6876
6877 @index{BadGottleubaBerggiesshubel,
6878   name={Bad Gottleuba-Berggie\ss h\"ubel},
6879   category={place},
6880   description={a town in the Free State of Saxony, Germany}
6881 }
6882
6883 @index{places.BadGottleubaBerggiesshubel,
6884   name={Bad Gottleuba-Berggie\ss h\"ubel},
6885   parent={places},
6886   category={place},
6887   description={a town in the Free State of Saxony, Germany}
6888 }
6889
6890 @index{Lodz,
6891   name={\L\'od\'z},
6892   category={place},
6893   description={Polish city}
6894 }
6895
6896 @index{places.Lodz,
6897   name={\L\'od\'z},
6898   parent={places},
6899   category={place},
6900   description={Polish city}
6901 }
6902
6903 @index{Swietokrzyskie,
6904   name={{\'S}wi\k{e}tokrzyskie},
6905   category={place},
6906   description={Polish province}
6907 }
6908
6909 @index{places.Swietokrzyskie,
6910   name={{\'S}wi\k{e}tokrzyskie},
6911   parent={places},
6912   category={place},

```

```

6913 description={Polish province}
6914 }
6915
6916 @index{Zory,
6917   name={{\Z}ory},
6918   category={place},
6919   description={Polish town and city county}
6920 }
6921
6922 @index{places.Zory,
6923   name={{\Z}ory},
6924   parent={places},
6925   category={place},
6926   description={Polish town and city county}
6927 }
6928
6929 @index{Zelechow,
6930   name={{\Z}elech\ow},
6931   category={place},
6932   description={Polish town}
6933 }
6934
6935 @index{places.Zelechow,
6936   name={{\Z}elech\ow},
6937   parent={places},
6938   category={place},
6939   description={Polish town}
6940 }
6941
6942 @index{Lobez,
6943   name={\L obez},
6944   category={place},
6945   description={Polish town}
6946 }
6947
6948 @index{places.Lobez,
6949   name={\L obez},
6950   parent={places},
6951   category={place},
6952   description={Polish town}
6953 }
6954
6955 @index{Glogow,
6956   name={G\l og\ow},
6957   category={place},
6958   description={Polish town}
6959 }
6960
6961 @index{places.Glogow,

```



```

6962 name={G\l og\'ow},
6963 parent={places},
6964 category={place},
6965 description={Polish town}
6966 }
6967
6968 @index{Cmielow,
6969 name={{\'C}miel\'ow},
6970 category={place},
6971 description={Polish town}
6972 }
6973
6974 @index{places.Cmielow,
6975 name={{\'C}miel\'ow},
6976 parent={places},
6977 category={place},
6978 description={Polish town}
6979 }
6980
6981 @index{Scinawa,
6982 name={{\'S}cinawa},
6983 category={place},
6984 description={Polish town}
6985 }
6986
6987 @index{places.Scinawa,
6988 name={{\'S}cinawa},
6989 parent={places},
6990 category={place},
6991 description={Polish town}
6992 }
6993
6994 @index{Swidnica,
6995 name={{\'S}widnica},
6996 category={place},
6997 description={Polish town}
6998 }
6999
7000 @index{places.Swidnica,
7001 name={{\'S}widnica},
7002 parent={places},
7003 category={place},
7004 description={Polish town}
7005 }
7006
7007 @index{Olvesvatn,
7008 name={{\'O}lvesvatn},
7009 category={place},
7010 description={Icelandic lake}

```

```

7011 }
7012
7013 @index{places.Olvesvatn,
7014   name={{\"O}lvesvatn},
7015   parent={places},
7016   category={place},
7017   description={Icelandic lake}
7018 }
7019
7020 @index{Ulfsvatn,
7021   name={{'U}lfsvatn},
7022   category={place},
7023   description={Icelandic lake}
7024 }
7025
7026 @index{places.Ulfsvatn,
7027   name={{'U}lfsvatn},
7028   parent={places},
7029   category={place},
7030   description={Icelandic lake}
7031 }
7032
7033 @index{Anavatn,
7034   name={{'A}navatn},
7035   category={place},
7036   description={Icelandic lake}
7037 }
7038
7039 @index{places.Anavatn,
7040   name={{'A}navatn},
7041   parent={places},
7042   category={place},
7043   description={Icelandic lake}
7044 }
7045
7046 @index{Masvatn,
7047   name={M'asvatn},
7048   category={place},
7049   description={Icelandic lake}
7050 }
7051
7052 @index{places.Masvatn,
7053   name={M'asvatn},
7054   parent={places},
7055   category={place},
7056   description={Icelandic lake}
7057 }
7058
7059 @index{Thrihyrningsvatn,

```

7060 name={\TH r'\{i}hyrningsvatn},
7061 category={place},
7062 description={Icelandic lake}
7063 }
7064
7065 @index{places.Thrihyrningsvatn,
7066 name={\TH r'\{i}hyrningsvatn},
7067 parent={places},
7068 category={place},
7069 description={Icelandic lake}
7070 }
7071
7072 @index{Sigridharstadhavatn,
7073 name={Sigr'\{i}\dh arsta\dh avatn},
7074 category={place},
7075 description={Icelandic lagoon}
7076 }
7077
7078 @index{places.Sigridharstadhavatn,
7079 name={Sigr'\{i}\dh arsta\dh avatn},
7080 parent={places},
7081 category={place},
7082 description={Icelandic lagoon}
7083 }
7084
7085 @index{Graenavatn,
7086 name={Gr\ae navatn},
7087 category={place},
7088 description={Icelandic lake}
7089 }
7090
7091 @index{places.Graenavatn,
7092 name={Gr\ae navatn},
7093 parent={places},
7094 category={place},
7095 description={Icelandic lake}
7096 }
7097
7098 @index{Arneslon,
7099 name={{\ 'A}rnesl\ 'on},
7100 category={place},
7101 description={Icelandic lake}
7102 }
7103
7104 @index{places.Arneslon,
7105 name={{\ 'A}rnesl\ 'on},
7106 parent={places},
7107 category={place},
7108 description={Icelandic lake}

```

7109 }
7110
7111 @index{Isholsvatn,
7112   name={{\'I}sh\'olsvatn},
7113   category={place},
7114   description={Icelandic lake}
7115 }
7116
7117 @index{places.Isholsvatn,
7118   name={{\'I}sh\'olsvatn},
7119   parent={places},
7120   category={place},
7121   description={Icelandic lake}
7122 }
7123
7124 @index{attache-case,
7125   name={attach\'e case},
7126   category={phrase},
7127   description={small, flat briefcase for carrying documents}
7128 }
7129
7130 @index{piedaterre,
7131   name={pied-\'a-terre},
7132   category={phrase},
7133   description={small flat or house kept for occasional use}
7134 }
7135
7136 @index{bergerehat,
7137   name={berg\'ere hat},
7138   category={phrase},
7139   description={a type of wide-brimmed straw hat}
7140 }
7141
7142 @index{AndersJonasAngstrom,
7143   name={\AA ngstr\'om, Anders Jonas},
7144   text={Anders Jonas \AA ngstr\'om},
7145   category={person},
7146   description={Swedish physicist}
7147 }
7148
7149 @index{people.AndersJonasAngstrom,
7150   name={\AA ngstr\'om, Anders Jonas},
7151   text={Anders Jonas \AA ngstr\'om},
7152   parent={people},
7153   category={person},
7154   description={Swedish physicist}
7155 }
7156 %<<COMMENT
7157 % Encoding: UTF-8

```

7158 %COMMENT
7159
7160 @index{dzsoker,
7161 name={dzsóker},
7162 category={word},
7163 description={joker (Hungarian)}
7164 }
7165
7166 @index{czesc,
7167 name={cześć},
7168 category={word},
7169 description={hello (Polish)}
7170 }
7171
7172 @index{elite,
7173 name={élite},
7174 category={word},
7175 description={group of people regarded as
7176 the best of a particular society or organisation}
7177 }
7178
7179 @index{aesthetic,
7180 name={æsthetic},
7181 category={word},
7182 description={concerning beauty}
7183 }
7184
7185 @index{oesophagus,
7186 name={œsophagus},
7187 category={word},
7188 description={part of the alimentary canal}
7189 }
7190
7191 @index{blase,
7192 name={blasé},
7193 category={word},
7194 description={unimpressed or indifferent due to familiarity}
7195 }
7196
7197 @index{protege,
7198 name={protégé},
7199 category={word},
7200 description={person guided by an older more experienced person}
7201 }
7202
7203 @index{clientele,
7204 name={clientèle},
7205 category={word},
7206 description={all the clients of a particular business}

7207 }
7208
7209 @index{resumee,
7210 name={résumé},
7211 category={word},
7212 description={summary of something or curriculum vitae}
7213 }
7214
7215 @index{soiree,
7216 name={soirée},
7217 category={word},
7218 description={an evening social gathering involving conversation or music}
7219 }
7220
7221 @index{phoenix,
7222 name={phœnix},
7223 category={word},
7224 description={mythical bird that periodically burned itself and was reborn from the ashes}
7225 }
7226
7227 @index{decor,
7228 name={décor},
7229 category={word},
7230 description={the furnishings and decorations of a room}
7231 }
7232
7233 @index{faerie,
7234 name={færie},
7235 category={word},
7236 description={fairyland}
7237 }
7238
7239 @index{facade,
7240 name={façade},
7241 category={word},
7242 description={the front face of a building}
7243 }
7244
7245 @index{aethereal,
7246 name={æthereal},
7247 category={word},
7248 description={light, airy or tenuous}
7249 }
7250
7251 @index{debutante,
7252 name={débutante},
7253 category={word},

7254 description={a young upper-class woman making her first appearance in so-
ciety}
7255 }
7256
7257 @index{naive,
7258 name={naïve},
7259 category={word},
7260 description={lacking experience or wisdom}
7261 }
7262
7263 @index{foetid,
7264 name={fœtid},
7265 category={word},
7266 description={smelling very unpleasant}
7267 }
7268
7269 @index{cliche,
7270 name={cliché},
7271 category={word},
7272 description={overused phrase or idea}
7273 }
7274
7275 @index{deshabille,
7276 name={déshabillé},
7277 category={word},
7278 description={the state of being only partially clothed}
7279 }
7280
7281 @index{negligee,
7282 name={négligée},
7283 category={word},
7284 description={a woman's very thin dressing gown}
7285 }
7286
7287 @index{cafe,
7288 name={café},
7289 category={word},
7290 description={small restaurant that sells light meals}
7291 }
7292
7293 @index{anaemic,
7294 name={anæmic},
7295 category={word},
7296 description={suffering from anaemia}
7297 }
7298
7299 @index{thornletter,
7300 name={þ},
7301 category={word},

7302 see={thorn},
7303 description={thorn}
7304 }
7305
7306 @index{thorn,
7307 name={thorn (þ)},
7308 category={word},
7309 description={Old English and Icelandic runic letter. In English, even-
tually replaced by the
7310 digraph \tstidxqt{th}}
7311 }
7312
7313 @index{ethletter,
7314 name={ð},
7315 category={word},
7316 see={eth},
7317 description={eth}
7318 }
7319
7320 @index{eth,
7321 name={eth (ð)},
7322 category={word},
7323 description={Old English letter eventually
7324 superseded by the digraph \tstidxqt{th}, but still in use in
7325 some other languages}
7326 }
7327
7328 @index{Ostergotland,
7329 name={Östergötland},
7330 category={place},
7331 description={a county in Sweden}
7332 }
7333
7334 @index{places.Ostergotland,
7335 name={Östergötland},
7336 parent={places},
7337 category={place},
7338 description={a county in Sweden}
7339 }
7340
7341 @index{Angelholm,
7342 name={Ängelholm},
7343 category={place},
7344 description={a place in Sweden}
7345 }
7346
7347 @index{places.Angelholm,
7348 name={Ängelholm},
7349 parent={places},


```

7350 category={place},
7351 description={a place in Sweden}
7352 }
7353
7354 @index{Oresund,
7355 name={Øresund},
7356 category={place},
7357 description={a strait which separates Denmark and Sweden}
7358 }
7359
7360 @index{places.Oresund,
7361 name={Øresund},
7362 parent={places},
7363 category={place},
7364 description={a strait which separates Denmark and Sweden}
7365 }
7366
7367 @index{Tarnby,
7368 name={Tårnby},
7369 category={place},
7370 description={a town in Denmark}
7371 }
7372
7373 @index{places.Tarnby,
7374 name={Tårnby},
7375 parent={places},
7376 category={place},
7377 description={a town in Denmark}
7378 }
7379
7380 @index{Rodovre,
7381 name={Rødovre},
7382 category={place},
7383 description={a Danish town}
7384 }
7385
7386 @index{places.Rodovre,
7387 name={Rødovre},
7388 parent={places},
7389 category={place},
7390 description={a Danish town}
7391 }
7392
7393 @index{Naestved,
7394 name={Næstved},
7395 category={place},
7396 description={a Danish town on the island of Zealand}
7397 }
7398

```

```

7399 @index{places.Naestved,
7400   name={Næstved},
7401   parent={places},
7402   category={place},
7403   description={a Danish town on the island of Zealand}
7404 }
7405
7406 @index{OlstykkeStenlose,
7407   name={Ølstykke-Stenløse},
7408   category={place},
7409   description={a Danish city in North Zealand}
7410 }
7411
7412 @index{places.OlstykkeStenlose,
7413   name={Ølstykke-Stenløse},
7414   parent={places},
7415   category={place},
7416   description={a Danish city in North Zealand}
7417 }
7418
7419 @index{Asslar,
7420   name={Aßlar},
7421   category={place},
7422   description={German town}
7423 }
7424
7425 @index{places.Asslar,
7426   name={Aßlar},
7427   parent={places},
7428   category={place},
7429   description={German town}
7430 }
7431
7432 @index{BadGottleubaBerggiesshubel,
7433   name={Bad Gottleuba-Berggießhübel},
7434   category={place},
7435   description={a town in the Free State of Saxony, Germany}
7436 }
7437
7438 @index{places.BadGottleubaBerggiesshubel,
7439   name={Bad Gottleuba-Berggießhübel},
7440   parent={places},
7441   category={place},
7442   description={a town in the Free State of Saxony, Germany}
7443 }
7444
7445 @index{Lodz,
7446   name={Łódź},
7447   category={place},

```

```

7448 description={Polish city}
7449 }
7450
7451 @index{places.Lodz,
7452 name={Łódź},
7453 parent={places},
7454 category={place},
7455 description={Polish city}
7456 }
7457
7458 @index{Swietokrzyskie,
7459 name={Świętokrzyskie},
7460 category={place},
7461 description={Polish province}
7462 }
7463
7464 @index{places.Swietokrzyskie,
7465 name={Świętokrzyskie},
7466 parent={places},
7467 category={place},
7468 description={Polish province}
7469 }
7470
7471 @index{Zory,
7472 name={Żory},
7473 category={place},
7474 description={Polish town and city county}
7475 }
7476
7477 @index{places.Zory,
7478 name={Żory},
7479 parent={places},
7480 category={place},
7481 description={Polish town and city county}
7482 }
7483
7484 @index{Zelechow,
7485 name={Żelechów},
7486 category={place},
7487 description={Polish town}
7488 }
7489
7490 @index{places.Zelechow,
7491 name={Żelechów},
7492 parent={places},
7493 category={place},
7494 description={Polish town}
7495 }
7496

```

```

7497 @index{Lobez,
7498   name={Łobez},
7499   category={place},
7500   description={Polish town}
7501 }
7502
7503 @index{places.Lobez,
7504   name={Łobez},
7505   parent={places},
7506   category={place},
7507   description={Polish town}
7508 }
7509
7510 @index{Glogow,
7511   name={Głogów},
7512   category={place},
7513   description={Polish town}
7514 }
7515
7516 @index{places.Glogow,
7517   name={Głogów},
7518   parent={places},
7519   category={place},
7520   description={Polish town}
7521 }
7522
7523 @index{Cmielow,
7524   name={Ćmielów},
7525   category={place},
7526   description={Polish town}
7527 }
7528
7529 @index{places.Cmielow,
7530   name={Ćmielów},
7531   parent={places},
7532   category={place},
7533   description={Polish town}
7534 }
7535
7536 @index{Scinawa,
7537   name={Ścinawa},
7538   category={place},
7539   description={Polish town}
7540 }
7541
7542 @index{places.Scinawa,
7543   name={Ścinawa},
7544   parent={places},
7545   category={place},

```

```

7546 description={Polish town}
7547 }
7548
7549 @index{Swidnica,
7550 name={Świdnica},
7551 category={place},
7552 description={Polish town}
7553 }
7554
7555 @index{places.Swidnica,
7556 name={Świdnica},
7557 parent={places},
7558 category={place},
7559 description={Polish town}
7560 }
7561
7562 @index{Olvesvatn,
7563 name={Ölvesvatn},
7564 category={place},
7565 description={Icelandic lake}
7566 }
7567
7568 @index{places.Olvesvatn,
7569 name={Ölvesvatn},
7570 parent={places},
7571 category={place},
7572 description={Icelandic lake}
7573 }
7574
7575 @index{Ulfsvatn,
7576 name={Úlfsvatn},
7577 category={place},
7578 description={Icelandic lake}
7579 }
7580
7581 @index{places.Ulfsvatn,
7582 name={Úlfsvatn},
7583 parent={places},
7584 category={place},
7585 description={Icelandic lake}
7586 }
7587
7588 @index{Anavatn,
7589 name={Ánavatn},
7590 category={place},
7591 description={Icelandic lake}
7592 }
7593
7594 @index{places.Anavatn,

```

```

7595 name={Ánavatn},
7596 parent={places},
7597 category={place},
7598 description={Icelandic lake}
7599 }
7600
7601 @index{Masvatn,
7602 name={Másvatn},
7603 category={place},
7604 description={Icelandic lake}
7605 }
7606
7607 @index{places.Masvatn,
7608 name={Másvatn},
7609 parent={places},
7610 category={place},
7611 description={Icelandic lake}
7612 }
7613
7614 @index{Thrihyrningsvatn,
7615 name={Þríhyrningsvatn},
7616 category={place},
7617 description={Icelandic lake}
7618 }
7619
7620 @index{places.Thrihyrningsvatn,
7621 name={Þríhyrningsvatn},
7622 parent={places},
7623 category={place},
7624 description={Icelandic lake}
7625 }
7626
7627 @index{Sigridharstadhavatn,
7628 name={Sigríðarstaðavatn},
7629 category={place},
7630 description={Icelandic lagoon}
7631 }
7632
7633 @index{places.Sigridharstadhavatn,
7634 name={Sigríðarstaðavatn},
7635 parent={places},
7636 category={place},
7637 description={Icelandic lagoon}
7638 }
7639
7640 @index{Graenavatn,
7641 name={Grænavatn},
7642 category={place},
7643 description={Icelandic lake}

```

7644 }
7645
7646 @index{places.Graenavatn,
7647 name={Grænavatn},
7648 parent={places},
7649 category={place},
7650 description={Icelandic lake}
7651 }
7652
7653 @index{Arneslon,
7654 name={Árneslón},
7655 category={place},
7656 description={Icelandic lake}
7657 }
7658
7659 @index{places.Arneslon,
7660 name={Árneslón},
7661 parent={places},
7662 category={place},
7663 description={Icelandic lake}
7664 }
7665
7666 @index{Isholsvatn,
7667 name={Íshólsvatn},
7668 category={place},
7669 description={Icelandic lake}
7670 }
7671
7672 @index{places.Isholsvatn,
7673 name={Íshólsvatn},
7674 parent={places},
7675 category={place},
7676 description={Icelandic lake}
7677 }
7678
7679 @index{attache-case,
7680 name={attaché case},
7681 category={phrase},
7682 description={small, flat briefcase for carrying documents}
7683 }
7684
7685 @index{piedaterre,
7686 name={pied-à-terre},
7687 category={phrase},
7688 description={small flat or house kept for occasional use}
7689 }
7690
7691 @index{bergerehat,
7692 name={bergère hat},

```

7693 category={phrase},
7694 description={a type of wide-brimmed straw hat}
7695 }
7696
7697 @index{AndersJonasAngstrom,
7698   name={Ångström, Anders Jonas},
7699   text={Anders Jonas Ångström},
7700   category={person},
7701   description={Swedish physicist}
7702 }
7703
7704 @index{people.AndersJonasAngstrom,
7705   name={Ångström, Anders Jonas},
7706   text={Anders Jonas Ångström},
7707   parent={people},
7708   category={person},
7709   description={Swedish physicist}
7710 }

7711 %<<COMMENT
7712 % Encoding: ASCII
7713 %COMMENT
7714
7715 @index{packages,
7716   category={word},
7717   description={files provided to adjust the document
7718     design or provide new commands}
7719 }
7720
7721 @index{books,
7722   category={word},
7723   description={written or printed works}
7724 }
7725
7726 @index{films,
7727   category={word},
7728   description={stories recorded by camera}
7729 }
7730
7731 @index{people,
7732   category={word},
7733   description={human individuals (or fictional
7734     anthropomorphisms)}
7735 }
7736
7737 @index{places,
7738   category={word},
7739   description={particular areas or locations}
7740 }
7741

```


7742 @index{applications,
7743 category={word},
7744 description={computer programs}
7745 }
7746
7747 @index{environments,
7748 category={word},
7749 description={a marked-up block within the document
7750 that requires special action or formatting}
7751 }
7752
7753 @index{attributes,
7754 category={word},
7755 description={qualities or features that characterise something}
7756 }
7757
7758 @index{check,
7759 category={word},
7760 description={make sure something is the case}
7761 }
7762
7763 @index{chalk,
7764 category={word},
7765 description={soft limestone substance made into sticks to
7766 use for writing}
7767 }
7768
7769 @index{daft,
7770 category={word},
7771 description={silly or foolish}
7772 }
7773
7774 @index{parse,
7775 category={word},
7776 description={divide a sentence into its component parts for
7777 analysis}
7778 }
7779
7780 @index{interpret,
7781 category={word},
7782 description={translate or explain the meaning of}
7783 }
7784
7785 @index{oak,
7786 category={word},
7787 description={large tree that produces acorns}
7788 }
7789
7790 @index{rhubarb,

7791 category={word},
7792 description={thick reddish or green leaf stalks
7793 of a plant from the dock family}
7794 }
7795
7796 @index{rhinoceros,
7797 category={word},
7798 description={a large plant-eating mammal
7799 with one or two horns on its nose}
7800 }
7801
7802 @index{aardvark,
7803 category={word},
7804 description={an African mammal}
7805 }
7806
7807 @index{ddisgynedig,
7808 category={word},
7809 description={descending (Welsh)}
7810 }
7811
7812 @index{ddyrchafedig,
7813 category={word},
7814 description={advanced (Welsh)}
7815 }
7816
7817 @index{ffotograff,
7818 category={word},
7819 description={photo (Welsh)}
7820 }
7821
7822 @index{index,
7823 category={word},
7824 description={an alphabetical list of names, terms or
7825 subjects with references to where they occur in the document}
7826 }
7827
7828 @index{phrase,
7829 category={word},
7830 description={group of words forming a unit}
7831 }
7832
7833 @index{glossary,
7834 category={word},
7835 description={an alphabetical list of words with explanations}
7836 }
7837
7838 @index{layout,
7839 category={word},

```

7840 description={the way something is laid out (for example, on a page)}
7841 }
7842
7843 @index{filler,
7844   category={word},
7845   description={something used to fill in gaps or increase bulk}
7846 }
7847
7848 @index{padding,
7849   category={word},
7850   description={something used to pad out material to make it
7851 longer},
7852   seealso={filler}
7853 }
7854
7855 @index{example,
7856   category={word},
7857   description={thing used to illustrate something}
7858 }
7859
7860 @index{purpose,
7861   category={word},
7862   description={the reason for doing something}
7863 }
7864
7865 @index{whatsit,
7866   category={word},
7867   description={In \TeX\ terms, a mechanism to allow
7868 extensions to \TeX, including writing to files or providing
7869 special instructions to printing devices. More generally,
7870 a whatsit is an unnamed person or thing}
7871 }
7872
7873 @index{test,
7874   category={word},
7875   description={a means of testing something}
7876 }
7877
7878 @index{design,
7879   category={word},
7880   description={plan or purpose}
7881 }
7882
7883 @index{document,
7884   category={word},
7885   description={a piece of written, printed or electronic
7886 matter that provides information}
7887 }
7888

```

```

7889 @index{book,
7890   category={word},
7891   description={written or printed work}
7892 }
7893
7894 @index{range,
7895   category={word},
7896   description={area of variation or scope}
7897 }
7898
7899 @index{word,
7900   category={word},
7901   description={single unit of language which has meaning}
7902 }
7903
7904 @index{marker,
7905   category={word},
7906   description={an identifying symbol}
7907 }
7908
7909 @index{footnote,
7910   category={word},
7911   description={additional information written at the bottom of a page}
7912 }
7913
7914 @index{encap,
7915   category={word},
7916   description={the format used to encapsulate the location}
7917 }
7918
7919 @index{text,
7920   category={word},
7921   description={written or printed or electronically
7922 represented words}
7923 }
7924
7925 @index{argument,
7926   category={word},
7927   description={parameter passed to a command or
7928 application}
7929 }
7930
7931 @index{predefined,
7932   category={word},
7933   description={already defined}
7934 }
7935
7936 @index{excessive,
7937   category={word},

```

7938 description={more than normal or desired}
7939 }
7940
7941 @index{block,
7942 category={word},
7943 description={large quantity of things viewed as a unit}
7944 }
7945
7946 @index{paragraph,
7947 category={word},
7948 description={block of writing, beginning on a new line}
7949 }
7950
7951 @index{waffle,
7952 category={word},
7953 description={speak or write vague or trivial information in a
7954 lengthy way}
7955 }
7956
7957 @index{gibberish,
7958 category={word},
7959 description={meaningless or hard to comprehend speech
7960 or writing}
7961 }
7962
7963 @index{gobbledegook,
7964 category={word},
7965 description={language that is difficult to understand},
7966 see={gibberish}
7967 }
7968
7969 @index{clarify,
7970 category={word},
7971 description={make it easier to understand}
7972 }
7973
7974 @index{confidential,
7975 category={word},
7976 description={private or secret information}
7977 }
7978
7979 @index{roundabout,
7980 category={word},
7981 description={not direct}
7982 }
7983
7984 @index{fashion,
7985 category={word},
7986 description={a way of doing something}

7987 }
7988
7989 @index{illustration,
7990 category={word},
7991 description={an example to explain something},
7992 seealso={example}
7993 }
7994
7995 @index{wit,
7996 category={word},
7997 description={natural talent for saying or writing things in
7998 an amusing or clever way}
7999 }
8000
8001 @index{eloquence,
8002 category={word},
8003 description={fluent or persuasive speech or writing}
8004 }
8005
8006 @index{adage,
8007 category={word},
8008 description={popular saying}
8009 }
8010
8011 @index{motto,
8012 category={word},
8013 description={short sentence of phrase expressing a belief
8014 or aim}
8015 }
8016
8017 @index{verbiage,
8018 category={word},
8019 description={excessively length speech or writing}
8020 }
8021
8022 @index{drivel,
8023 category={word},
8024 description={nonsense}
8025 }
8026
8027 @index{tutor,
8028 category={word},
8029 description={teacher}
8030 }
8031
8032 @index{grass,
8033 category={word},
8034 description={in addition to the plant, also slang for
8035 reporting criminal activity}

8036 }
8037
8038 @index{distress,
8039 category={word},
8040 description={cause anxiety}
8041 }
8042
8043 @index{concordance,
8044 category={word},
8045 description={an alphabetical list of important words
8046 used in a document}
8047 }
8048
8049 @index{ogling,
8050 category={word},
8051 description={staring at someone in a lecherous manner}
8052 }
8053
8054 @index{gawping,
8055 category={word},
8056 description={staring in a rude or stupid manner},
8057 see={ogling}
8058 }
8059
8060 @index{passim,
8061 category={word},
8062 description={referencing various places in a document}
8063 }
8064
8065 @index{localisation,
8066 category={word},
8067 description={place or position}
8068 }
8069
8070 @index{digraph,
8071 category={word},
8072 description={two letters representing a single sound}
8073 }
8074
8075 @index{trigraph,
8076 category={word},
8077 description={three letters representing a single sound}
8078 }
8079
8080 @index{lyuk,
8081 category={word},
8082 description={hole (Hungarian)},
8083 seealso={digraph}
8084 }

```

8085
8086 @index{dzs,
8087   category={trigraph},
8088   description={Hungarian \glshyperlink{trigraph} considered a separate letter}
8089 }
8090
8091 @index{cz,
8092   category={digraph},
8093   description={digraph in some languages, such as Polish}
8094 }
8095
8096 @index{dd,
8097   category={digraph},
8098   description={digraph in some languages, such as Welsh}
8099 }
8100
8101 @index{ff,
8102   category={digraph},
8103   description={digraph in some languages, such as Welsh}
8104 }
8105
8106 @index{ng,
8107   category={digraph},
8108   description={digraph in some languages, such as Welsh}
8109 }
8110
8111 @index{ly,
8112   category={digraph},
8113   description={digraph in some languages, such as Hungarian}
8114 }
8115
8116 @index{dzsungel,
8117   category={word},
8118   description={jungle (Hungarian)},
8119   seealso={trigraph}
8120 }
8121
8122 @index{nonsense,
8123   category={word},
8124   description={something that doesn't make sense}
8125 }
8126
8127 @index{volauvent,
8128   category={word},
8129   name={vol-au-vent},
8130   description={small round puff pastry containing savoury food}
8131 }
8132

```


8133 @index{two,
8134 category={word},
8135 description={number following one}
8136 }
8137
8138 @index{sculpture,
8139 category={word},
8140 description={artwork made of wood, metal or stone}
8141 }
8142
8143 @index{Venus,
8144 category={word},
8145 description={Roman goddess (or planet named after her)}
8146 }
8147
8148 @index{zoo,
8149 category={word},
8150 description={place containing animals}
8151 }
8152
8153 @index{alphabet,
8154 category={word},
8155 description={ordered set of letters used to form words}
8156 }
8157
8158 @index{resume,
8159 category={word},
8160 description={continue after an interruption}
8161 }
8162
8163 @index{fly,
8164 category={word},
8165 description={travel by air}
8166 }
8167
8168 @index{aeroplane,
8169 category={word},
8170 description={fixed wing flying vehicle}
8171 }
8172
8173 @index{window,
8174 category={word},
8175 description={opening in wall or window to view out or in}
8176 }
8177
8178 @index{ogonek,
8179 category={word},
8180 description={a diacritic hook placed under the lower right
8181 corner of a vowel}

```

8182 }
8183
8184 @index{sail,
8185   category={word},
8186   description={travel by or navigate a boat}
8187 }
8188
8189 @index{ship,
8190   category={word},
8191   description={large boat}
8192 }
8193
8194 @index{OT1,
8195   category={word},
8196   description={one of the original font encodings provided with
8197 \TeX}
8198 }
8199
8200 @index{UTF8,
8201   name={UTF-8},
8202   category={word},
8203   description={character encoding that uses 8-bit code units}
8204 }
8205
8206 @index{life,
8207   category={word},
8208   description={existence}
8209 }
8210
8211 @index{universe,
8212   category={word},
8213   description={all existing space and matter}
8214 }
8215
8216 @index{even,
8217   category={word},
8218   description={multiple of two}
8219 }
8220
8221 @index{century,
8222   category={word},
8223   description={period of 100 years or a score of 100 runs}
8224 }
8225
8226 @index{cricket,
8227   category={word},
8228   description={bat and ball game played between two teams
8229 with eleven players on either side}
8230 }

```

8231
8232 @index{calendar,
8233 category={word},
8234 description={chart or list showing a period of time}
8235 }
8236
8237 @index{prefix,
8238 category={word},
8239 description={word or letter placed at the start of another
8240 word}
8241 }
8242
8243 @index{gobsmacked,
8244 category={word},
8245 description={astonished}
8246 }
8247
8248 @index{astounded,
8249 category={word},
8250 description={shocked or very surprised}
8251 }
8252
8253 @index{quaint,
8254 category={word},
8255 description={old-fashioned or unusual}
8256 }
8257
8258 @index{yatter,
8259 category={word},
8260 description={chatter or talk non-stop}
8261 }
8262
8263 @index{yawn,
8264 category={word},
8265 description={open one's mouth due to tiredness or boredom}
8266 }
8267
8268 @index{quirky,
8269 category={word},
8270 description={peculiar or unexpected habits}
8271 }
8272
8273 @index{badinage,
8274 category={word},
8275 description={witty conversation}
8276 }
8277
8278 @index{expire,
8279 category={word},

8280 description={come to an end}
8281 }
8282
8283 @index{story,
8284 category={word},
8285 description={account or description of imaginary or real
8286 events}
8287 }
8288
8289 @index{begin,
8290 category={word},
8291 description={start something}
8292 }
8293
8294 @index{forget,
8295 category={word},
8296 description={fail to remember something}
8297 }
8298
8299 @index{tale,
8300 category={word},
8301 description={a story}
8302 }
8303
8304 @index{adventure,
8305 category={word},
8306 description={unusual or exciting or daring experience}
8307 }
8308
8309 @index{derringdo,
8310 name={derring-do},
8311 category={word},
8312 description={heroic action}
8313 }
8314
8315 @index{hero,
8316 category={word},
8317 description={principle male character in a story or a person
8318 admired for their achievements}
8319 }
8320
8321 @index{title,
8322 category={word},
8323 description={name of a document or work, or a name that
8324 describes a position}
8325 }
8326
8327 @index{knight,
8328 category={word},

```

8329 description={a man raised to military rank after service
8330 as a page or squire, or a man entitled to use \tstidxqt{Sir} before
8331 his name}
8332 }
8333
8334 @index{handsome,
8335 category={word},
8336 description={good-looking}
8337 }
8338
8339 @index{bold,
8340 category={word},
8341 description={confident or brave}
8342 }
8343
8344 @index{brave,
8345 category={word},
8346 description={prepared to face danger or difficulties}
8347 }
8348
8349 @index{duck,
8350 category={word},
8351 description={a waterbird with a blunt bill, short legs and webbed
8352 feet}
8353 }
8354
8355 @index{name,
8356 category={word},
8357 description={word or words by which something is known}
8358 }
8359
8360 @index{plight,
8361 category={word},
8362 description={dangerous situation}
8363 }
8364
8365 @index{land,
8366 category={word},
8367 description={area of ground}
8368 }
8369
8370 @index{OgRe,
8371 category={word},
8372 description={an ogre is a man-eating giant or a terrifying
8373 person. The silly capitalisation is just a reference to \TeX's
8374 output routine}
8375 }
8376
8377 @index{reference,

```

```

8378 category={word},
8379 description={referring to something}
8380 }
8381
8382 @index{perilous,
8383 category={word},
8384 description={dangerous or full of risk}
8385 }
8386
8387 @index{quest,
8388 category={word},
8389 description={long or difficult search for something}
8390 }
8391
8392 @index{xor,
8393 category={word},
8394 description={\LaTeX3 experimental output routine}
8395 }
8396
8397 @index{continuation,
8398 category={word},
8399 description={state of continuing}
8400 }
8401
8402 @index{newcomers,
8403 category={word},
8404 description={recent arrivals}
8405 }
8406
8407 @index{nod,
8408 category={word},
8409 description={in addition to the action of moving one's head
8410 up and down, also indicates a reference of acknowledgement of
8411 something}
8412 }
8413
8414 @index{centre,
8415 category={word},
8416 description={point in the middle (UK spelling)}
8417 }
8418
8419 @index{center,
8420 category={word},
8421 description={point in the middle (US spelling)}
8422 }
8423
8424 @index{lore,
8425 category={word},
8426 description={tradition or knowledge of a particular subject}

```

8427 }
8428
8429 @index{raft,
8430 category={word},
8431 description={flat water vessel made from pieces of wood
8432 tied together}
8433 }
8434
8435 @index{external,
8436 category={word},
8437 description={belonging outside of something}
8438 }
8439
8440 @index{pun,
8441 category={word},
8442 description={play on words}
8443 }
8444
8445 @index{joke,
8446 category={word},
8447 description={something said to amuse others}
8448 }
8449
8450 @index{witty,
8451 category={word},
8452 description={having the ability to say clever or
8453 amusing things}
8454 }
8455
8456 @index{cameo,
8457 category={word},
8458 description={small part in a story for a distinguished
8459 actor}
8460 }
8461
8462 @index{exclamation,
8463 category={word},
8464 description={sudden cry}
8465 }
8466
8467 @index{bog,
8468 category={word},
8469 description={area of soft, wet, muddy ground}
8470 }
8471
8472 @index{leviathans,
8473 category={word},
8474 description={very large, powerful thing (such as a sea
8475 monster) }

8476 }
8477
8478 @index{vale,
8479 category={word},
8480 description={valley}
8481 }
8482
8483 @index{doom,
8484 category={word},
8485 description={fate}
8486 }
8487
8488 @index{chaos,
8489 category={word},
8490 description={complete confusion or disorder}
8491 }
8492
8493 @index{butterfly,
8494 category={word},
8495 description={winged insect}
8496 }
8497
8498 @index{motif,
8499 category={word},
8500 description={repeated theme}
8501 }
8502
8503 @index{sentence,
8504 category={word},
8505 description={set of words forming a complete statement,
8506 instruction or question}
8507 }
8508
8509 @index{conjunction,
8510 category={word},
8511 description={word used to connect words or clauses}
8512 }
8513
8514 @index{naughty,
8515 category={word},
8516 description={badly behaved}
8517 }
8518
8519 @index{leap,
8520 category={word},
8521 description={jump far or high across something}
8522 }
8523
8524 @index{bound,

8525 category={word},
8526 description={leaping movement}
8527 }
8528
8529 @index{sword,
8530 category={word},
8531 description={weapon with a long metal blade}
8532 }
8533
8534 @index{myriad,
8535 category={word},
8536 description={countless or a very great number}
8537 }
8538
8539 @index{clones,
8540 category={word},
8541 description={identical copy}
8542 }
8543
8544 @index{repetition,
8545 category={word},
8546 description={something that's been repeated}
8547 }
8548
8549 @index{lair,
8550 category={word},
8551 description={hiding place or den}
8552 }
8553
8554 @index{roar,
8555 category={word},
8556 description={loud, deep sound}
8557 }
8558
8559 @index{peace,
8560 category={word},
8561 description={freedom from war or anxiety}
8562 }
8563
8564 @index{harmony,
8565 category={word},
8566 description={arranged well or peacefully together}
8567 }
8568
8569 @index{span,
8570 category={word},
8571 description={length of time or full extent or extend across
8572 something}
8573 }

8574
8575 @index{fear,
8576 category={word},
8577 description={anxiety about something unpleasant}
8578 }
8579
8580 @index{thrilling,
8581 category={word},
8582 description={exciting}
8583 }
8584
8585 @index{quixotic,
8586 category={word},
8587 description={impractically unselfish and idealist}
8588 }
8589
8590 @index{seal,
8591 category={word},
8592 description={seal-dwelling fish-eating mammal with flippers}
8593 }
8594
8595 @index{sea,
8596 category={word},
8597 description={large area of salt water}
8598 }
8599
8600 @index{seaborne,
8601 category={word},
8602 description={transported or travelling by sea}
8603 }
8604
8605 @index{zither,
8606 category={word},
8607 description={a type of stringed musical instrument}
8608 }
8609
8610 @index{zealous,
8611 category={word},
8612 description={having great enthusiasm for something}
8613 }
8614
8615 @index{fan,
8616 category={word},
8617 description={an admirer of something}
8618 }
8619
8620 @index{youthful,
8621 category={word},
8622 description={seeming young}}

8623 }
8624
8625 @index{magic,
8626 category={word},
8627 description={having the apparent power of supernatural or
8628 mysterious forces}
8629 }
8630
8631 @index{magical,
8632 category={word},
8633 description={relating to or using magic}
8634 }
8635
8636 @index{yoyo,
8637 name={yo-yo},
8638 category={word},
8639 description={a round toy consisting of two discs and a
8640 piece of string}
8641 }
8642
8643 @index{wily,
8644 category={word},
8645 description={using cunning or crafty methods to gain an
8646 advantage}
8647 }
8648
8649 @index{wombat,
8650 category={word},
8651 description={a type of small marsupial}
8652 }
8653
8654 @index{warrior,
8655 category={word},
8656 description={brave or experienced fighter}
8657 }
8658
8659 @index{laserguided,
8660 name={laser-guided},
8661 category={word},
8662 description={guided by a laser}
8663 }
8664
8665 @index{villainous,
8666 category={word},
8667 description={characteristic of a villain}
8668 }
8669
8670 @index{zany,
8671 category={word},

8672 description={amusingly unconventional}
8673 }
8674
8675 @index{zoologist,
8676 category={word},
8677 description={someone who studies animals}
8678 }
8679
8680 @index{xebec,
8681 category={word},
8682 description={a type of small sailing ship}
8683 }
8684
8685 @index{xenon,
8686 category={word},
8687 description={a type of inert gas}
8688 }
8689
8690 @index{xylem,
8691 category={word},
8692 description={a plant tissue}
8693 }
8694
8695 @index{xylene,
8696 category={word},
8697 description={a type of liquid hydrocarbon}
8698 }
8699
8700 @index{zounds,
8701 category={word},
8702 description={an exclamation}
8703 }
8704
8705 @index{Ooh,
8706 category={word},
8707 description={an exclamation}
8708 }
8709
8710 @index{zucchini,
8711 category={word},
8712 description={a type of long, green summer squash (called
8713 a courgette in British English)}
8714 }
8715
8716 @index{xylophone,
8717 category={word},
8718 description={a type of musical instrument}
8719 }
8720

8721 @index{exhilarating,
8722 category={word},
8723 description={pleasing or energetic}
8724 }
8725
8726 @index{yuppie,
8727 category={word},
8728 description={urban well-paid young middle-class professional}
8729 }
8730
8731 @index{yoghurt,
8732 category={word},
8733 description={thick, liquid food made from milk}
8734 }
8735
8736 @index{yummy,
8737 category={word},
8738 description={delicious}
8739 }
8740
8741 @index{yuck,
8742 category={word},
8743 description={disgusting}
8744 }
8745
8746 @index{Viking,
8747 category={word},
8748 description={a member of Scandinavian seafaring people
8749 between the eighth and eleventh centuries}
8750 }
8751
8752 @index{vignette,
8753 category={word},
8754 description={brief episode}
8755 }
8756
8757 @index{viceroy,
8758 category={word},
8759 description={a person who governs a colony on behalf of
8760 the sovereign}
8761 }
8762
8763 @index{vichyssoise,
8764 category={word},
8765 description={a type of soup}
8766 }
8767
8768 @index{viceregal,
8769 category={word},

8770 description={relating to a viceroy}
8771 }
8772
8773 @index{quiz,
8774 category={word},
8775 description={game or competition}
8776 }
8777
8778 @index{glyph,
8779 category={word},
8780 description={small graphic symbol}
8781 }
8782
8783 @index{asleep,
8784 category={word},
8785 description={in or into a state of sleep}
8786 }
8787
8788 @index{ashore,
8789 category={word},
8790 description={to or on shore or land}
8791 }
8792
8793 @index{aspire,
8794 category={word},
8795 description={to have strong ambitions to be or do something}
8796 }
8797
8798 @index{assailed,
8799 category={word},
8800 description={past tense of assail}
8801 }
8802
8803 @index{recover,
8804 category={word},
8805 description={get well again}
8806 }
8807
8808 @index{reecover,
8809 name={re-cover},
8810 category={word},
8811 description={to cover again}
8812 }
8813
8814 @index{document.properties,
8815 name={properties},
8816 parent={document},
8817 category={word},
8818 description={attributes such as page size}

```

8819 }
8820
8821 @index{fontencoding.OT1,
8822   name={OT1},
8823   parent={fontencoding},
8824   category={word},
8825   description={one of the original font encodings supplied with \TeX}
8826 }
8827
8828 @index{hero.intrepid,
8829   name={intrepid},
8830   parent={hero},
8831   category={word},
8832   description={a hero known for his boldness and bravery},
8833   see={intrepidhero}
8834 }
8835 @index{dadorail,
8836   name={dado rail},
8837   category={phrase},
8838   description={waist-high moulding around the wall of a room}
8839 }
8840
8841 @index{indexingapplication,
8842   name={indexing application},
8843   category={phrase},
8844   description={an application that generates a document index}
8845 }
8846
8847 @index{visualeffects,
8848   name={visual effects},
8849   category={phrase},
8850   description={use of imagery to create an effect}
8851 }
8852
8853 @index{dummytext,
8854   name={dummy text},
8855   category={phrase},
8856   description={sample text used for demonstration not
8857 for its content}
8858 }
8859
8860 @index{pagebreak,
8861   name={page break},
8862   category={phrase},
8863   description={the point where document text is broken
8864 across two pages}
8865 }
8866
8867 @index{linktext,

```

```

8868 name={link text},
8869 category={phrase},
8870 description={for the \glshyperlink{glossariespackage}
8871package, this refers to the text inserted into the document
8872through commands like \glshyperlink{cs.gls}}
8873 }
8874
8875 @index{crossreference,
8876 name={cross-reference},
8877 category={phrase},
8878 description={reference to another part of the
8879document or to a part of another document}
8880 }
8881
8882 @index{marginalnote,
8883 name={marginal note},
8884 category={phrase},
8885 description={text that's placed in the page margin}
8886 }
8887
8888 @index{overfulllines,
8889 name={overfull lines},
8890 category={phrase},
8891 description={lines where the text extends into
8892the margin because of a formatting failure}
8893 }
8894
8895 @index{loremipsum,
8896 name={lorem ipsum},
8897 category={phrase},
8898 description={dummy text}
8899 }
8900
8901 @index{betweenyoumeandthegatepost,
8902 name={between you, me and the gatepost},
8903 category={phrase},
8904 description={an expression
8905meaning you're telling someone a secret that shouldn't be passed on
8906 (common in some British dialects)}
8907 }
8908
8909 @index{waywithwords,
8910 name={way with words},
8911 category={phrase},
8912 description={have a particular talent with words}
8913 }
8914
8915 @index{creativewriting,
8916 name={creative writing},

```



```

8917 category={phrase},
8918 description={writing typically identified
8919 by narrative craft, character development and use of literary tropes}
8920 }
8921
8922 @index{cuttothechase,
8923 name={cut to the chase},
8924 category={phrase},
8925 description={get to the point}
8926 }
8927
8928 @index{gettothepoint,
8929 name={get to the point},
8930 category={phrase},
8931 description={state something directly}
8932 }
8933
8934 @index{keepmum,
8935 name={keep mum},
8936 category={phrase},
8937 description={be silent about something},
8938 seealso={confidential}
8939 }
8940
8941 @index{outputroutine,
8942 name={output routine},
8943 category={phrase},
8944 description={\TeX's method of outputting a page}
8945 }
8946
8947 @index{outofwhack,
8948 name={out of whack},
8949 category={phrase},
8950 description={out of order or not working}
8951 }
8952
8953 @index{pagedimensions,
8954 name={page dimensions},
8955 category={phrase},
8956 description={the dimensions of a page (such as
8957 the page width and page height)}
8958 }
8959
8960 @index{fontfamily,
8961 name={font family},
8962 category={phrase},
8963 description={the name of a font}
8964 }
8965

```

```

8966 @index{fontsize,
8967   name={font size},
8968   category={phrase},
8969   description={the size of a font}
8970 }
8971
8972 @index{locationlist,
8973   name={location list},
8974   category={phrase},
8975   description={the list of locations used in an index to indicate
8976 where
8977 the term being referenced was used in the document},
8978   seealso={crossreference}
8979 }
8980
8981 @index{rangeseparator,
8982   name={range separator},
8983   category={phrase},
8984   description={the symbol
8985 used between the start and end location to indicate a range},
8986   see={locationlist}
8987 }
8988
8989 @index{pagenumber,
8990   name={page number},
8991   category={phrase},
8992   description={the number identifying a particular page}
8993 }
8994
8995 @index{multipleencaps,
8996   name={multiple encaps},
8997   category={phrase},
8998   description={a warning issued by
8999 \glshyperlink{makeindex} when the same page number is indexed
9000 with different encap values}
9001 }
9002
9003 @index{inputencoding,
9004   name={input encoding},
9005   category={phrase},
9006   description={the character encoding used
9007 in the document source code}
9008 }
9009
9010 @index{fontencoding,
9011   name={font encoding},
9012   category={phrase},
9013   description={the encoding used by the document
9014 font}

```

```

9015 }
9016
9017 @index{extendedLatincharacters,
9018   name={extended Latin characters},
9019   category={phrase},
9020   description={Latin characters outside the basic ASCII set}
9021 }
9022
9023 @index{cupoftea,
9024   name={cup of tea},
9025   category={phrase},
9026   description={an expression indicating what one likes
9027 or is interested in}
9028 }
9029
9030 @index{whistlestoptour,
9031   name={whistle-stop tour},
9032   category={phrase},
9033   description={a series of short visits to different places}
9034 }
9035
9036 @index{numbergroup,
9037   name={number group},
9038   category={phrase},
9039   description={a group associated with numbers}
9040 }
9041
9042 @index{primenumber,
9043   name={prime number},
9044   category={phrase},
9045   description={a number that is only divisible by itself and 1}
9046 }
9047
9048 @index{holdmybreath,
9049   name={hold my breath},
9050   category={phrase},
9051   description={stop breathing temporarily, also used as an expression to in-
9052   dicate a state of anticipation or
9053   suspense}
9053 }
9054
9055 @index{lettergroups,
9056   name={letter groups},
9057   category={phrase},
9058   description={groups associated with letters}
9059 }
9060
9061 @index{Onceuponatime,
9062   name={Once upon a time},

```

```

9063  category={phrase},
9064  description={an expression commonly used at
9065the start of fairy tales}
9066 }
9067
9068 @index{acrossthepond,
9069  name={across the pond},
9070  category={phrase},
9071  description={colloquial expression indicating
9072the other side of the Atlantic}
9073 }
9074
9075 @index{badform,
9076  name={bad form},
9077  category={phrase},
9078  description={an offence against accepted behaviour}
9079 }
9080
9081 @index{MontyPython,
9082  name={Monty Python},
9083  category={phrase},
9084  description={a British surreal comedy group}
9085 }
9086
9087 @index{magicincantation,
9088  name={magic incantation},
9089  category={phrase},
9090  description={words used to create a magical effect}
9091 }
9092
9093 @index{commonknowledge,
9094  name={common knowledge},
9095  category={phrase},
9096  description={something widely known}
9097 }
9098
9099 @index{intrepidhero,
9100  name={intrepid hero},
9101  category={phrase},
9102  description={a hero known for his boldness and bravery}
9103 }
9104
9105 @index{sealion,
9106  name={sea lion},
9107  category={phrase},
9108  description={a type of large seal}
9109 }
9110
9111 @index{sealantgun,

```

9112 name={sealant gun},
 9113 category={phrase},
 9114 description={a device used for applying sealant}
 9115 }
 9116
 9117 @index{zootsuit,
 9118 name={zoot suit},
 9119 category={phrase},
 9120 description={a suit typically having a long loose
 9121 jacket and high-waisted trousers}
 9122 }
 9123
 9124 @index{anonymousreviewer,
 9125 name={anonymous reviewer},
 9126 category={phrase},
 9127 description={an unnamed reviewer}
 9128 }
 9129
 9130 @index{yulelog,
 9131 name={yule log},
 9132 category={phrase},
 9133 description={a large log traditionally burnt on
 9134 Christmas Eve or a log-shaped chocolate cake}
 9135 }
 9136
 9137 @index{vicepresident,
 9138 name={vice-president},
 9139 category={phrase},
 9140 description={a president's deputy}
 9141 }
 9142
 9143 @index{viceadmiral,
 9144 name={vice admiral},
 9145 category={phrase},
 9146 description={a high rank of naval officer}
 9147 }
 9148
 9149 @index{Victoriaplum,
 9150 name={Victoria plum},
 9151 category={phrase},
 9152 description={a large, red, dessert plum}
 9153 }
 9154
 9155 @index{Victoriasponge,
 9156 name={Victoria sponge},
 9157 category={phrase},
 9158 description={a sponge cake consisting of two
 9159 layers with jam filling in between}
 9160 }

```

9161
9162 @index{viceversa,
9163   name={vice versa},
9164   category={phrase},
9165   description={reversing the order of the items just mentioned}
9166 }
9167
9168 @index{vicechancellor,
9169   name={vice chancellor},
9170   category={phrase},
9171   description={a deputy chancellor of a
9172 British university in charge of its administration}
9173 }
9174
9175 @index{letterordering,
9176   name={letter ordering},
9177   category={phrase},
9178   description={ordering according to the
9179 individual characters}
9180 }
9181
9182 @index{wordordering,
9183   name={word ordering},
9184   category={phrase},
9185   description={ordering according to the
9186 language or locale's definition of words}
9187 }
9188
9189 @index{commercialworld,
9190   name={commercial world, the},
9191   text={the commercial world},
9192   category={phrase},
9193   description={pertaining to commerce}
9194 }
9195
9196 @index{farawayland,
9197   name={far away land, a},
9198   text={a far away land},
9199   category={phrase},
9200   description={somewhere that's far away; a
9201 term often used in fairy tales}
9202 }
9203
9204 @index{GoldenArara,
9205   name={Golden Arara, the},
9206   text={the Golden Arara},
9207   category={phrase},
9208   description={a made-up item in the dummy text}
9209 }

```

```

9210
9211 @index{MightyHelmofKnuth,
9212   name={Mighty Helm of Knuth, the},
9213   text={the Mighty Helm of Knuth},
9214   category={phrase},
9215   description={a made-up item in the dummy text}
9216 }
9217
9218 @index{LegendarySword,
9219   name={Legendary Sword, the},
9220   text={the Legendary Sword},
9221   category={phrase},
9222   description={a made-up item in the dummy text}
9223 }
9224
9225 @index{BogofEternalGlossaries,
9226   name={Bog of Eternal Glossaries, the},
9227   text={the Bog of Eternal Glossaries},
9228   category={phrase},
9229   description={a made-up place in the dummy text}
9230 }
9231
9232 @index{DreadValeoftheEditors,
9233   name={Dread Vale of the Editors, the},
9234   text={the Dread Vale of the Editors},
9235   category={phrase},
9236   description={a made-up place in the dummy text}
9237 }
9238
9239 @index{butterfliesofchaos,
9240   name={butterflies of chaos, the},
9241   text={the butterflies of chaos},
9242   category={phrase},
9243   description={the butterfly effect is a popular method of describing as-
          pects of chaos theory}
9244 }
9245
9246 @index{End,
9247   name={End, The},
9248   text={The End},
9249   category={phrase},
9250   description={denotes the end of a story, especially fairy tales}
9251 }
9252
9253 @index{locationlist.pageseparator,
9254   name={page separator},
9255   parent={locationlist},
9256   category={phrase},
9257   description={symbol used to separate page references}

```

```

9258 }
9259
9260 @index{locationlist.rangeseparator,
9261   name={range separator},
9262   parent={locationlist},
9263   category={phrase},
9264   description={symbol used to mark page range references}
9265 }
9266
9267 @index{motjuste,
9268   name={mot juste},
9269   description={the most appropriate word}
9270 }
9271
9272 @index{Poland,
9273   name={Poland},
9274   category={place},
9275   description={an Eastern European country}
9276 }
9277
9278 @index{places.Poland,
9279   name={Poland},
9280   parent={places},
9281   category={place},
9282   description={an Eastern European country}
9283 }
9284
9285 @index{Glasgow,
9286   name={Glasgow},
9287   category={place},
9288   description={a Scottish city}
9289 }
9290
9291 @index{places.Glasgow,
9292   name={Glasgow},
9293   parent={places},
9294   category={place},
9295   description={a Scottish city}
9296 }
9297
9298 @index{Iceland,
9299   name={Iceland},
9300   category={place},
9301   description={a Nordic island nation}
9302 }
9303
9304 @index{places.Iceland,
9305   name={Iceland},
9306   parent={places},

```



```

9307 category={place},
9308 description={a Nordic island nation}
9309 }
9310
9311 @index{Nghaerdydd,
9312 name={Nghaerdydd},
9313 category={place},
9314 description={Cardiff}
9315 }
9316
9317 @index{places.Nghaerdydd,
9318 name={Nghaerdydd},
9319 parent={places},
9320 category={place},
9321 description={Cardiff}
9322 }
9323
9324 @index{Nghymru,
9325 name={Nghymru},
9326 category={place},
9327 description={Wales}
9328 }
9329
9330 @index{places.Nghymru,
9331 name={Nghymru},
9332 parent={places},
9333 category={place},
9334 description={Wales}
9335 }
9336
9337 @index{Ffestiniog,
9338 name={Ffestiniog},
9339 category={place},
9340 description={a place in Wales}
9341 }
9342
9343 @index{places.Ffestiniog,
9344 name={Ffestiniog},
9345 parent={places},
9346 category={place},
9347 description={a place in Wales}
9348 }
9349
9350 @index{BogofEternalStench,
9351 name={Bog of Eternal Stench, the},
9352 text={the Bog of Eternal Stench},
9353 category={place},
9354 description={place in the film \glshyperlink{Labyrinth}}
9355 }

```

```

9356
9357 @index{places.BogofEternalStench,
9358   name={Bog of Eternal Stench, the},
9359   text={the Bog of Eternal Stench},
9360   parent={places},
9361   category={place},
9362   description={place in the film \glshyperlink{Labyrinth}}
9363 }
9364
9365 @index{JamesJoyce,
9366   name={Joyce, James},
9367   text={James Joyce},
9368   category={person},
9369   description={an author}
9370 }
9371
9372 @index{people.JamesJoyce,
9373   name={Joyce, James},
9374   text={James Joyce},
9375   parent={people},
9376   category={person},
9377   description={an author}
9378 }
9379
9380 @index{DonaldKnuth,
9381   name={Knuth, Donald},
9382   text={Donald Knuth},
9383   category={person},
9384   description={creator of \TeX}
9385 }
9386
9387 @index{people.DonaldKnuth,
9388   name={Knuth, Donald},
9389   text={Donald Knuth},
9390   parent={people},
9391   category={person},
9392   description={creator of \TeX}
9393 }
9394
9395 @index{PauloCereda,
9396   name={Cereda, Paulo},
9397   text={Paulo Cereda},
9398   category={person},
9399   description={creator of \glshyperlink{arara}}
9400 }
9401
9402 @index{people.PauloCereda,
9403   name={Cereda, Paulo},
9404   text={Paulo Cereda},

```

```

9405 parent={people},
9406 category={person},
9407 description={creator of \glshyperlink{arara}}
9408 }
9409
9410 @index{SirQuackalot,
9411   name={Quackalot, Sir},
9412   text={Sir Quackalot},
9413   category={person},
9414   description={fictitious character}
9415 }
9416
9417 @index{people.SirQuackalot,
9418   name={Quackalot, Sir},
9419   text={Sir Quackalot},
9420   parent={people},
9421   category={person},
9422   description={fictitious character}
9423 }
9424
9425 @index{theFairyGoose,
9426   name={Fairy Goose, the},
9427   text={the Fairy Goose},
9428   category={person},
9429   description={fictitious character}
9430 }
9431
9432 @index{people.theFairyGoose,
9433   name={Fairy Goose, the},
9434   text={the Fairy Goose},
9435   parent={people},
9436   category={person},
9437   description={fictitious character}
9438 }
9439
9440 @index{DavidCarlisle,
9441   name={Carlisle, David},
9442   text={David Carlisle},
9443   category={person},
9444   description={member of the \LaTeX3 team}
9445 }
9446
9447 @index{people.DavidCarlisle,
9448   name={Carlisle, David},
9449   text={David Carlisle},
9450   parent={people},
9451   category={person},
9452   description={member of the \LaTeX3 team}
9453 }

```

```

9454
9455 @index{JosephWright,
9456   name={Wright, Joseph},
9457   text={Joseph Wright},
9458   category={person},
9459   description={member of the \LaTeX3 team}
9460 }
9461
9462 @index{people.JosephWright,
9463   name={Wright, Joseph},
9464   text={Joseph Wright},
9465   parent={people},
9466   category={person},
9467   description={member of the \LaTeX3 team}
9468 }
9469
9470 @index{Ulysses,
9471   name={\tstidxbookfmt{Ulysses}},
9472   category={book},
9473   description={a modernist novel by James Joyce}
9474 }
9475
9476 @index{books.Ulysses,
9477   name={\tstidxbookfmt{Ulysses}},
9478   parent={books},
9479   category={book},
9480   description={a modernist novel by James Joyce}
9481 }
9482
9483 @index{SirQuackalotandtheGoldenArara,
9484   name={\tstidxbookfmt{Sir Quackalot and the Golden Arara}},
9485   category={book},
9486   description={a fictitious book}
9487 }
9488
9489 @index{books.SirQuackalotandtheGoldenArara,
9490   name={\tstidxbookfmt{Sir Quackalot and the Golden Arara}},
9491   parent={books},
9492   category={book},
9493   description={a fictitious book}
9494 }
9495
9496 @index{SirQuackalotandtheHyperLakeofDoom,
9497   name={\tstidxbookfmt{Sir Quackalot and the Hyper Lake of Doom}},
9498   category={book},
9499   description={a fictitious book}
9500 }
9501
9502 @index{books.SirQuackalotandtheHyperLakeofDoom,

```

```

9503 name={\tstidxbookfmt{Sir Quackalot and the Hyper Lake of Doom}},
9504 parent={books},
9505 category={book},
9506 description={a fictitious book}
9507 }
9508
9509 @index{CompactOxfordEnglishDictionary,
9510 name={\tstidxbookfmt{Compact Oxford English Dictionary}},
9511 category={book},
9512 description={a dictionary}
9513 }
9514
9515 @index{books.CompactOxfordEnglishDictionary,
9516 name={\tstidxbookfmt{Compact Oxford English Dictionary}},
9517 parent={books},
9518 category={book},
9519 description={a dictionary}
9520 }
9521
9522 @index{HitchhikersGuidetotheGalaxy,
9523 name={\tstidxbookfmt{Hitchhiker's Guide to the Galaxy, the}},
9524 text={\tstidxbookfmt{the Hitchhiker's Guide to the Galaxy}},
9525 category={book},
9526 description={a comedy series by Douglas Adams, originally created for ra-
          dio but later
9527 adapted to book, TV and film}
9528 }
9529
9530 @index{books.HitchhikersGuidetotheGalaxy,
9531 name={\tstidxbookfmt{Hitchhiker's Guide to the Galaxy, the}},
9532 text={\tstidxbookfmt{the Hitchhiker's Guide to the Galaxy}},
9533 parent={books},
9534 category={book},
9535 description={a comedy series by Douglas Adams, originally created for ra-
          dio but later
9536 adapted to book, TV and film}
9537 }
9538
9539 @index{AdventuresofSirQuackalot,
9540 name={\tstidxbookfmt{Adventures of Sir Quackalot, the}},
9541 text={\tstidxbookfmt{the Adventures of Sir Quackalot}},
9542 category={book},
9543 description={a fictitious book}
9544 }
9545
9546 @index{books.AdventuresofSirQuackalot,
9547 name={\tstidxbookfmt{Adventures of Sir Quackalot, the}},
9548 text={\tstidxbookfmt{the Adventures of Sir Quackalot}},
9549 parent={books},

```

```

9550 category={book},
9551 description={a fictitious book}
9552 }
9553
9554 @index{Labyrinth,
9555   name={\tstidxfilmfmt{Labyrinth}},
9556   category={film},
9557   description={a musical fantasy film}
9558 }
9559
9560 @index{films.Labyrinth,
9561   name={\tstidxfilmfmt{Labyrinth}},
9562   parent={films},
9563   category={film},
9564   description={a musical fantasy film}
9565 }
9566
9567 @index{ThirdMan,
9568   name={\tstidxfilmfmt{Third Man, The}},
9569   text={\tstidxfilmfmt{The Third Man}},
9570   category={film},
9571   description={a British film noir}
9572 }
9573
9574 @index{films.ThirdMan,
9575   name={\tstidxfilmfmt{Third Man, The}},
9576   text={\tstidxfilmfmt{The Third Man}},
9577   parent={films},
9578   category={film},
9579   description={a British film noir}
9580 }
9581
9582 @index{TeX,
9583   name={\TeX},
9584   category={symbol},
9585   description={a typesetting system created by Donald Knuth}
9586 }
9587
9588 @index{fx,
9589   name={\mathit{f}(\vec{x})},
9590   text={f(\vec{x})},
9591   category={math},
9592   description={a function of  $x$ }
9593 }
9594
9595 @index{n,
9596   name={\mathit{n}},
9597   text={n},
9598   category={math},

```

```

9599 description={an integer}
9600 }
9601
9602 @index{E,
9603   name={\tstidxstyfmt{testidx} package},
9604   text={E},
9605   category={math},
9606   description={energy}
9607 }
9608
9609 @index{testidxpackage,
9610   name={\tstidxstyfmt{testidx} package},
9611   text={\tstidxstyfmt{testidx}},
9612   category={package},
9613   description={package that produces dummy text for testing
9614 index styles and indexing applications}
9615 }
9616
9617 @index{packages.testidxpackage,
9618   name={\tstidxstyfmt{testidx}},
9619   parent={packages},
9620   category={package},
9621   description={package that produces dummy text for testing
9622 index styles and indexing applications}
9623 }
9624
9625 @index{testidxglossariespackage,
9626   name={\tstidxstyfmt{testidx-glossaries} package},
9627   text={\tstidxstyfmt{testidx-glossaries}},
9628   category={package},
9629   description={package that produces dummy text
9630 for testing glossary styles and indexing applications that integrate
9631 with the \glshyperlink{glossariespackage} or
9632 \glshyperlink{glossariesextrapackage} packages}
9633 }
9634
9635 @index{packages.testidxglossariespackage,
9636   name={\tstidxstyfmt{testidx-glossaries}},
9637   parent={packages},
9638   category={package},
9639   description={package that produces dummy text
9640 for testing glossary styles and indexing applications that integrate
9641 with the \glshyperlink{glossariespackage} or
9642 \glshyperlink{glossariesextrapackage} packages}
9643 }
9644
9645 @index{glossariespackage,
9646   name={\tstidxstyfmt{glossaries} package},
9647   text={\tstidxstyfmt{glossaries}},

```

```

9648 category={package},
9649 description={a package for creating glossaries or lists
9650 of terms, symbols or abbreviations}
9651 }
9652
9653 @index{packages.glossariespackage,
9654 name={\tstidxstyfmt{glossaries}},
9655 parent={packages},
9656 category={package},
9657 description={a package for creating glossaries or lists
9658 of terms, symbols or abbreviations}
9659 }
9660
9661 @index{glossariesextrapackage,
9662 name={\tstidxstyfmt{glossaries-extra} package},
9663 text={\tstidxstyfmt{glossaries-extra}},
9664 category={package},
9665 description={an extension to the \glshyperlink{glossariespackage} pack-
9666 age}
9667 }
9668 @index{packages.glossariesextrapackage,
9669 name={\tstidxstyfmt{glossaries-extra}},
9670 parent={packages},
9671 category={package},
9672 description={an extension to the \glshyperlink{glossariespackage} pack-
9673 age}
9674 }
9675 @index{hyperrefpackage,
9676 name={\tstidxstyfmt{hyperref} package},
9677 text={\tstidxstyfmt{hyperref}},
9678 category={package},
9679 description={a package that provides extensive support for hypertext}
9680 }
9681
9682 @index{packages.hyperrefpackage,
9683 name={\tstidxstyfmt{hyperref}},
9684 parent={packages},
9685 category={package},
9686 description={a package that provides extensive support for hypertext}
9687 }
9688
9689 @index{lipsumpackage,
9690 name={\tstidxstyfmt{lipsum} package},
9691 text={\tstidxstyfmt{lipsum}},
9692 category={package},
9693 description={a package that generates dummy text}
9694 }

```



```

9695
9696 @index{packages.lipsumpackage,
9697   name={\tstidxstyfmt{lipsum}},
9698   parent={packages},
9699   category={package},
9700   description={a package that generates dummy text}
9701 }
9702
9703 @index{inputencpackage,
9704   name={\tstidxstyfmt{inputenc} package},
9705   text={\tstidxstyfmt{inputenc}},
9706   category={package},
9707   description={a package that can be used to identify the document
9708 encoding}
9709 }
9710
9711 @index{packages.inputencpackage,
9712   name={\tstidxstyfmt{inputenc}},
9713   parent={packages},
9714   category={package},
9715   description={a package that can be used to identify the document
9716 encoding}
9717 }
9718
9719 @index{fontencpackage,
9720   name={\tstidxstyfmt{fontenc} package},
9721   text={\tstidxstyfmt{fontenc}},
9722   category={package},
9723   description={a package that can be used to set the font
9724 encoding},
9725   seealso={inputencpackage}
9726 }
9727
9728 @index{packages.fontencpackage,
9729   name={\tstidxstyfmt{fontenc}},
9730   parent={packages},
9731   category={package},
9732   description={a package that can be used to set the font encoding}
9733 }
9734
9735 @index{amsmathpackage,
9736   name={\tstidxstyfmt{amsmath} package},
9737   text={\tstidxstyfmt{amsmath}},
9738   category={package},
9739   description={a package that provides AMS mathematical
9740 facilities}
9741 }
9742
9743 @index{packages.amsmathpackage,

```

```

9744 name={\tstidxstyfmt{amsmath}},
9745 parent={packages},
9746 category={package},
9747 description={a package that provides AMS mathematical
9748 facilities}
9749 }
9750
9751 @index{amssymbpackage,
9752 name={\tstidxstyfmt{amssymb} package},
9753 text={\tstidxstyfmt{amssymb}},
9754 category={package},
9755 description={a package that provides mathematical
9756 symbols}
9757 }
9758
9759 @index{packages.amssymbpackage,
9760 name={\tstidxstyfmt{amssymb}},
9761 parent={packages},
9762 category={package},
9763 description={a package that provides mathematical
9764 symbols}
9765 }
9766
9767 @index{longtablepackage,
9768 name={\tstidxstyfmt{longtable} package},
9769 text={\tstidxstyfmt{longtable}},
9770 category={package},
9771 description={a package that allows tables to flow over
9772 page boundaries}
9773 }
9774
9775 @index{packages.longtablepackage,
9776 name={\tstidxstyfmt{longtable}},
9777 parent={packages},
9778 category={package},
9779 description={a package that allows tables to flow over
9780 page boundaries}
9781 }
9782
9783 @index{testidxglossariespackage.extra,
9784 name={\tstidxstyoptfmt{extra}},
9785 parent={testidxglossariespackage},
9786 category={packageoption},
9787 description={load the \glshyperlink{glossariesextrapackage} package}
9788 }
9789
9790 @index{packages.testidxglossariespackage.extra,
9791 name={\tstidxstyoptfmt{extra}},
9792 parent={packages.testidxglossariespackage},

```

```

9793 category={packageoption},
9794 description={load the \glshyperlink{glossariesextrapackage} package}
9795 }
9796
9797 @index{testidxglossariespackage.noextra,
9798 name={\tstidxstyoptfmt{noextra}},
9799 parent={testidxglossariespackage},
9800 category={packageoption},
9801 description={don't load the \glshyperlink{glossariesextrapackage}
9802 package (only load \glshyperlink{glossariespackage})}
9803 }
9804
9805 @index{packages.testidxglossariespackage.noextra,
9806 name={\tstidxstyoptfmt{noextra}},
9807 parent={packages.testidxglossariespackage},
9808 category={packageoption},
9809 description={don't load the \glshyperlink{glossariesextrapackage}
9810 package (only load \glshyperlink{glossariespackage})}
9811 }
9812
9813 @index{testidxglossariespackage.noseekey,
9814 name={\tstidxstyoptfmt{noseekey}},
9815 parent={testidxglossariespackage},
9816 category={packageoption},
9817 description={don't use the \tstidxqt{see} key to implement the cross-
referencing (use
9818 \glshyperlink{cs.glssee} instead)}
9819 }
9820
9821 @index{packages.testidxglossariespackage.noseekey,
9822 name={\tstidxstyoptfmt{noseekey}},
9823 parent={packages.testidxglossariespackage},
9824 category={packageoption},
9825 description={don't use the \tstidxqt{see} key to implement the cross-
referencing (use
9826 \glshyperlink{cs.glssee} instead)}
9827 }
9828
9829 @index{testidxglossariespackage.seekey,
9830 name={\tstidxstyoptfmt{seekey}},
9831 parent={testidxglossariespackage},
9832 category={packageoption},
9833 description={use the \tstidxqt{see} key to implement the cross-referencing}
9834 }
9835
9836 @index{packages.testidxglossariespackage.seekey,
9837 name={\tstidxstyoptfmt{seekey}},
9838 parent={packages.testidxglossariespackage},
9839 category={packageoption},

```

```

9840 description={use the \tstidxqt{see} key to implement the cross-referencing}
9841 }
9842
9843 @index{testidxglossariespackage.xindy,
9844   name={\tstidxstyoptfmt{xindy}},
9845   parent={testidxglossariespackage},
9846   category={packageoption},
9847   description={set up the \glshyperlink{glossariespackage} package to use \glshy-
9848     perlink{xindy}
9849   as the indexing application}
9850 }
9851 @index{packages.testidxglossariespackage.xindy,
9852   name={\tstidxstyoptfmt{xindy}},
9853   parent={packages.testidxglossariespackage},
9854   category={packageoption},
9855   description={set up the \glshyperlink{glossariespackage} package to use \glshy-
9856     perlink{xindy}
9857   as the indexing application}
9858 }
9859 @index{testidxglossariespackage.tex,
9860   name={\tstidxstyoptfmt{tex}},
9861   parent={testidxglossariespackage},
9862   category={packageoption},
9863   description={set up the \glshyperlink{glossariespackage} package to use \TeX\ to
9864     sort and collate the entries}
9865 }
9866
9867 @index{packages.testidxglossariespackage.tex,
9868   name={\tstidxstyoptfmt{tex}},
9869   parent={packages.testidxglossariespackage},
9870   category={packageoption},
9871   description={set up the \glshyperlink{glossariespackage} package to use \TeX\ to
9872     sort and collate the entries}
9873 }
9874
9875 @index{testidxglossariespackage.bib2gls,
9876   name={\tstidxstyoptfmt{bib2gls}},
9877   parent={testidxglossariespackage},
9878   category={packageoption},
9879   description={set up the \glshyperlink{glossariesextrapackage} pack-
9880     age to use
9881   \glshyperlink{bib2gls} as the indexing application}
9882 }
9883 @index{packages.testidxglossariespackage.bib2gls,
9884   name={\tstidxstyoptfmt{bib2gls}},
9885   parent={packages.testidxglossariespackage},

```

```

9886 category={packageoption},
9887 description={set up the \glshyperlink{glossariesextrapackage} pack-
age to use
9888 \glshyperlink{bib2gls} as the indexing application}
9889 }
9890
9891 @index{testidxglossariespackage.noglsnumbers,
9892 name={\tstidxstyoptfmt{noglsnumbers}},
9893 parent={testidxglossariespackage},
9894 category={packageoption},
9895 description={pass the \tstidxstyoptfmt{glsnumbers=false} option to the
9896 \glshyperlink{glossariespackage} package}
9897 }
9898
9899 @index{packages.testidxglossariespackage.noglsnumbers,
9900 name={\tstidxstyoptfmt{noglsnumbers}},
9901 parent={packages.testidxglossariespackage},
9902 category={packageoption},
9903 description={pass the \tstidxstyoptfmt{glsnumbers=false} option to the
9904 \glshyperlink{glossariespackage} package}
9905 }
9906
9907 @index{testidxglossariespackage.glsnumbers,
9908 name={\tstidxstyoptfmt{glsnumbers}},
9909 parent={testidxglossariespackage},
9910 category={packageoption},
9911 description={pass the \tstidxstyoptfmt{glsnumbers=true} option to the
9912 \glshyperlink{glossariespackage} package}
9913 }
9914
9915 @index{packages.testidxglossariespackage.glsnumbers,
9916 name={\tstidxstyoptfmt{glsnumbers}},
9917 parent={packages.testidxglossariespackage},
9918 category={packageoption},
9919 description={pass the \tstidxstyoptfmt{glsnumbers=true} option to the
9920 \glshyperlink{glossariespackage} package}
9921 }
9922
9923 @index{testidxglossariespackage.verbose,
9924 name={\tstidxstyoptfmt{verbose}},
9925 parent={testidxglossariespackage},
9926 category={packageoption},
9927 description={write information about the test entries in the transcript file}
9928 }
9929
9930 @index{packages.testidxglossariespackage.verbose,
9931 name={\tstidxstyoptfmt{verbose}},
9932 parent={packages.testidxglossariespackage},
9933 category={packageoption},

```

```

9934 description={write information about the test entries in the transcript file}
9935 }
9936
9937 @index{testidxglossariespackage.noverbose,
9938   name={\tstidxstyoptfmt{noverbose}},
9939   parent={testidxglossariespackage},
9940   category={packageoption},
9941   description={don't write information about the test entries in the tran-
transcript file}
9942 }
9943
9944 @index{packages.testidxglossariespackage.noverbose,
9945   name={\tstidxstyoptfmt{noverbose}},
9946   parent={packages.testidxglossariespackage},
9947   category={packageoption},
9948   description={don't write information about the test entries in the tran-
transcript file}
9949 }
9950
9951 @index{testidxglossariespackage.desc,
9952   name={\tstidxstyoptfmt{desc}},
9953   parent={testidxglossariespackage},
9954   category={packageoption},
9955   description={add descriptions to the dummy entries}
9956 }
9957
9958 @index{packages.testidxglossariespackage.desc,
9959   name={\tstidxstyoptfmt{desc}},
9960   parent={packages.testidxglossariespackage},
9961   category={packageoption},
9962   description={add descriptions to the dummy entries}
9963 }
9964
9965 @index{testidxpackage.hidemarks,
9966   name={\tstidxstyoptfmt{hidemarks}},
9967   parent={testidxpackage},
9968   category={packageoption},
9969   description={hide the marks showing where the indexing is occurring}
9970 }
9971
9972 @index{packages.testidxpackage.hidemarks,
9973   name={\tstidxstyoptfmt{hidemarks}},
9974   parent={packages.testidxpackage},
9975   category={packageoption},
9976   description={hide the marks showing where the indexing is occurring}
9977 }
9978
9979 @index{testidxpackage.showmarks,
9980   name={\tstidxstyoptfmt{showmarks}},

```

```

9981 parent={testidxpackage},
9982 category={packageoption},
9983 description={mark where the indexing is occurring}
9984 }
9985
9986 @index{packages.testidxpackage.showmarks,
9987 name={\tstidxstyoptfmt{showmarks}},
9988 parent={packages.testidxpackage},
9989 category={packageoption},
9990 description={mark where the indexing is occurring}
9991 }
9992
9993 @index{testidxpackage.notestencaps,
9994 name={\tstidxstyoptfmt{notestencaps}},
9995 parent={testidxpackage},
9996 category={packageoption},
9997 description={don't use the test encaps}
9998 }
9999
10000 @index{packages.testidxpackage.notestencaps,
10001 name={\tstidxstyoptfmt{notestencaps}},
10002 parent={packages.testidxpackage},
10003 category={packageoption},
10004 description={don't use the test encaps}
10005 }
10006
10007 @index{testidxpackage.verbose,
10008 name={\tstidxstyoptfmt{verbose}},
10009 parent={testidxpackage},
10010 category={packageoption},
10011 description={show the index commands in the document text}
10012 }
10013
10014 @index{packages.testidxpackage.verbose,
10015 name={\tstidxstyoptfmt{verbose}},
10016 parent={packages.testidxpackage},
10017 category={packageoption},
10018 description={show the index commands in the document text}
10019 }
10020
10021 @index{testidxpackage.noverbose,
10022 name={\tstidxstyoptfmt{noverbose}},
10023 parent={testidxpackage},
10024 category={packageoption},
10025 description={don't show the index commands in the document text}
10026 }
10027
10028 @index{packages.testidxpackage.noverbose,
10029 name={\tstidxstyoptfmt{noverbose}},

```

```

10030 parent={packages.testidxpackage},
10031 category={packageoption},
10032 description={don't show the index commands in the document text}
10033 }
10034
10035 @index{testidxpackage.digraphs,
10036 name={\tstidxstyoptfmt{digraphs}},
10037 parent={testidxpackage},
10038 category={packageoption},
10039 description={use glyphs instead of the two-character digraphs for cer-
tain words}
10040 }
10041
10042 @index{packages.testidxpackage.digraphs,
10043 name={\tstidxstyoptfmt{digraphs}},
10044 parent={packages.testidxpackage},
10045 category={packageoption},
10046 description={use glyphs instead of the two-character digraphs for cer-
tain words}
10047 }
10048
10049 @index{testidxpackage.german,
10050 name={\tstidxstyoptfmt{german}},
10051 parent={testidxpackage},
10052 category={packageoption},
10053 description={change the \glshyperlink{makeindex} quote character to al-
low the
10054 double-quote character to indicate an umlaut}
10055 }
10056
10057 @index{packages.testidxpackage.german,
10058 name={\tstidxstyoptfmt{german}},
10059 parent={packages.testidxpackage},
10060 category={packageoption},
10061 description={change the \glshyperlink{makeindex} quote character to al-
low the
10062 double-quote character to indicate an umlaut}
10063 }
10064
10065 @index{testidxpackage.ngerman,
10066 name={\tstidxstyoptfmt{ngerman}},
10067 parent={testidxpackage},
10068 category={packageoption},
10069 description={change the \glshyperlink{makeindex} quote character to al-
low the
10070 double-quote character to indicate an umlaut}
10071 }
10072
10073 @index{packages.testidxpackage.ngerman,

```



```

10074 name={\tstidxstyoptfmt{ngerman}},
10075 parent={packages.testidpackage},
10076 category={packageoption},
10077 description={change the \glshyperlink{makeindex} quote character to al-
low the
10078 double-quote character to indicate an umlaut}
10079 }
10080
10081 @index{testidpackage.sanitize,
10082 name={\tstidxstyoptfmt{sanitize}},
10083 parent={testidpackage},
10084 category={packageoption},
10085 description={sanitize the sort value before passing it to the index-
ing command}
10086 }
10087
10088 @index{packages.testidpackage.sanitize,
10089 name={\tstidxstyoptfmt{sanitize}},
10090 parent={packages.testidpackage},
10091 category={packageoption},
10092 description={sanitize the sort value before passing it to the index-
ing command}
10093 }
10094
10095 @index{testidxglossariespackage.sanitize,
10096 name={\tstidxstyoptfmt{sanitize}},
10097 parent={testidxglossariespackage},
10098 category={packageoption},
10099 description={sanitize the sort value}
10100 }
10101
10102 @index{packages.testidxglossariespackage.sanitize,
10103 name={\tstidxstyoptfmt{sanitize}},
10104 parent={packages.testidxglossariespackage},
10105 category={packageoption},
10106 description={sanitize the sort value}
10107 }
10108
10109 @index{testidpackage.nosanitize,
10110 name={\tstidxstyoptfmt{nosanitize}},
10111 parent={testidpackage},
10112 category={packageoption},
10113 description={don't sanitize the sort value before passing it to the in-
dexing command}
10114 }
10115
10116 @index{packages.testidpackage.nosanitize,
10117 name={\tstidxstyoptfmt{nosanitize}},
10118 parent={packages.testidpackage},

```

```

10119 category={packageoption},
10120 description={don't sanitize the sort value before passing it to the in-
      indexing command}
10121 }
10122
10123 @index{testidxglossariespackage.nosanitize,
10124   name={\tstidxstyoptfmt{nosanitize}},
10125   parent={testidxglossariespackage},
10126   category={packageoption},
10127   description={don't sanitize the sort value}
10128 }
10129
10130 @index{packages.testidxglossariespackage.nosanitize,
10131   name={\tstidxstyoptfmt{nosanitize}},
10132   parent={packages.testidxglossariespackage},
10133   category={packageoption},
10134   description={don't sanitize the sort value}
10135 }
10136
10137 @index{testidxpackage.prefix,
10138   name={\tstidxstyoptfmt{prefix}},
10139   parent={testidxpackage},
10140   category={packageoption},
10141   description={insert a prefix before the sort value for certain sym-
      bols}
10142 }
10143
10144 @index{packages.testidxpackage.prefix,
10145   name={\tstidxstyoptfmt{prefix}},
10146   parent={packages.testidxpackage},
10147   category={packageoption},
10148   description={insert a prefix before the sort value for certain sym-
      bols}
10149 }
10150
10151 @index{testidxpackage.noprefix,
10152   name={\tstidxstyoptfmt{noprefix}},
10153   parent={testidxpackage},
10154   category={packageoption},
10155   description={don't insert a prefix before the sort value for certain sym-
      bols}
10156 }
10157
10158 @index{packages.testidxpackage.noprefix,
10159   name={\tstidxstyoptfmt{noprefix}},
10160   parent={packages.testidxpackage},
10161   category={packageoption},
10162   description={don't insert a prefix before the sort value for certain sym-
      bols}

```

```

10163 }
10164
10165 @index{testidxpackage.nostripaccents,
10166   name={\tstidxstyoptfmt{nostripaccents}},
10167   parent={testidxpackage},
10168   category={packageoption},
10169   description={don't strip accent commands from the sort value in
10170 ASCII mode}
10171 }
10172
10173 @index{packages.testidxpackage.nostripaccents,
10174   name={\tstidxstyoptfmt{nostripaccents}},
10175   parent={packages.testidxpackage},
10176   category={packageoption},
10177   description={don't strip accent commands from the sort value in
10178 ASCII mode}
10179 }
10180
10181 @index{testidxpackage.stripaccents,
10182   name={\tstidxstyoptfmt{stripaccents}},
10183   parent={testidxpackage},
10184   category={packageoption},
10185   description={strip accent commands from the sort value in
10186 ASCII mode}
10187 }
10188
10189 @index{packages.testidxpackage.stripaccents,
10190   name={\tstidxstyoptfmt{stripaccents}},
10191   parent={packages.testidxpackage},
10192   category={packageoption},
10193   description={strip accent commands from the sort value in
10194 ASCII mode}
10195 }
10196
10197 @index{testidxglossariespackage.nostripaccents,
10198   name={\tstidxstyoptfmt{nostripaccents}},
10199   parent={testidxglossariespackage},
10200   category={packageoption},
10201   description={don't strip accent commands from the sort value in
10202 ASCII mode}
10203 }
10204
10205 @index{packages.testidxglossariespackage.nostripaccents,
10206   name={\tstidxstyoptfmt{nostripaccents}},
10207   parent={packages.testidxglossariespackage},
10208   category={packageoption},
10209   description={don't strip accent commands from the sort value in
10210 ASCII mode}
10211 }

```

```

10212
10213 @index{testidxglossariespackage.stripaccents,
10214   name={\tstidxstyoptfmt{stripaccents}},
10215   parent={testidxglossariespackage},
10216   category={packageoption},
10217   description={strip accent commands from the sort value in
10218 ASCII mode}
10219 }
10220
10221 @index{packages.testidxglossariespackage.stripaccents,
10222   name={\tstidxstyoptfmt{stripaccents}},
10223   parent={packages.testidxglossariespackage},
10224   category={packageoption},
10225   description={strip accent commands from the sort value in
10226 ASCII mode}
10227 }
10228
10229 @index{hyperrefpackage.hidelinks,
10230   name={\tstidxstyoptfmt{hidelinks}},
10231   parent={hyperrefpackage},
10232   category={packageoption},
10233   description={don't use a visual effect to show the hyperlinks}
10234 }
10235
10236 @index{packages.hyperrefpackage.hidelinks,
10237   name={\tstidxstyoptfmt{hidelinks}},
10238   parent={packages.hyperrefpackage},
10239   category={packageoption},
10240   description={don't use a visual effect to show the hyperlinks}
10241 }
10242
10243 @index{fontencpackage.T1,
10244   name={\tstidxstyoptfmt{T1}},
10245   parent={fontencpackage},
10246   category={packageoption},
10247   description={set the font encoding to T1}
10248 }
10249
10250 @index{packages.fontencpackage.T1,
10251   name={\tstidxstyoptfmt{T1}},
10252   parent={packages.fontencpackage},
10253   category={packageoption},
10254   description={set the font encoding to T1}
10255 }
10256
10257 @index{theindexenvironment,
10258   name={\tstidxenvfmt{theindex} environment},
10259   text={\tstidxenvfmt{theindex}},
10260   category={environment},

```

```

10261 description={environment used to display an index}
10262 }
10263
10264 @index{alignenvironment,
10265   name={\tstidxenvfmt{align} environment},
10266   text={\tstidxenvfmt{align}},
10267   category={environment},
10268   description={environment provided by the
10269 \glshyperlink{amsmathpackage} package to align equations}
10270 }
10271
10272 @index{eqnarrayenvironment,
10273   name={\tstidxenvfmt{eqnarray} environment},
10274   text={\tstidxenvfmt{eqnarray}},
10275   category={environment},
10276   description={environment provided by the \LaTeX\ kernel to align equa-
      tions}
10277 }
10278
10279 @index{bib2gls,
10280   name={\tstidxappfmt{bib2gls}},
10281   category={application},
10282   description={an indexing application designed
10283 to work with the \glshyperlink{glossariesextrapackage} package}
10284 }
10285
10286 @index{applications.bib2gls,
10287   name={\tstidxappfmt{bib2gls}},
10288   parent={applications},
10289   category={application},
10290   description={an indexing application designed
10291 to work with the \glshyperlink{glossariesextrapackage} package}
10292 }
10293
10294 @index{makeindex,
10295   name={\tstidxappfmt{makeindex}},
10296   category={application},
10297   description={an indexing application}
10298 }
10299
10300 @index{applications.makeindex,
10301   name={\tstidxappfmt{makeindex}},
10302   parent={applications},
10303   category={application},
10304   description={an indexing application}
10305 }
10306
10307 @index{xindy,
10308   name={\tstidxappfmt{xindy}},

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```

10309 category={application},
10310 description={a highly-configurable indexing application with
10311 localisation support}
10312 }
10313
10314 @index{applications.xindy,
10315 name={\tstidxappfmt{xindy}},
10316 parent={applications},
10317 category={application},
10318 description={a highly-configurable indexing application with
10319 localisation support}
10320 }
10321
10322 @index{texdoc,
10323 name={\tstidxappfmt{texdoc}},
10324 category={application},
10325 description={an application for viewing documentation
10326 installed in a \TeX\ distribution}
10327 }
10328
10329 @index{applications.texdoc,
10330 name={\tstidxappfmt{texdoc}},
10331 parent={applications},
10332 category={application},
10333 description={an application for viewing documentation
10334 installed in a \TeX\ distribution}
10335 }
10336
10337 @index{arara,
10338 name={\tstidxappfmt{arara}},
10339 category={application},
10340 description={an automation tool for building documents}
10341 }
10342
10343 @index{applications.arara,
10344 name={\tstidxappfmt{arara}},
10345 parent={applications},
10346 category={application},
10347 description={an automation tool for building documents}
10348 }
10349
10350 @index{Perl,
10351 name={\tstidxappfmt{Perl}},
10352 category={application},
10353 description={a scripting language}
10354 }
10355
10356 @index{applications.Pperl,
10357 name={\tstidxappfmt{Perl}},

```

```

10358 parent={applications},
10359 category={application},
10360 description={a scripting language}
10361 }
10362
10363 @index{makeglossaries,
10364   name={\tstidxappfmt{makeglossaries}},
10365   category={application},
10366   description={a Perl script provided with the
10367 \glshyperlink{glossariespackage} package that automatically runs
10368 either \glshyperlink{makeindex} or \glshyperlink{xindy}
10369 according to the document settings}
10370 }
10371
10372 @index{applications.makeglossaries,
10373   name={\tstidxappfmt{makeglossaries}},
10374   parent={applications},
10375   category={application},
10376   description={a Perl script provided with the
10377 \glshyperlink{glossariespackage} package that automatically runs
10378 either \glshyperlink{makeindex} or \glshyperlink{xindy}
10379 according to the document settings}
10380 }
10381
10382 @index{makeglossarieslite,
10383   name={\tstidxappfmt{makeglossaries-lite}},
10384   category={application},
10385   description={a light-weight Lua alternative to \glshyperlink{makeglossaries}}
10386 }
10387
10388 @index{applications.makeglossarieslite,
10389   name={\tstidxappfmt{makeglossaries-lite}},
10390   parent={applications},
10391   category={application},
10392   description={a light-weight Lua alternative to \glshyperlink{makeglossaries}}
10393 }
10394
10395 @index{Emacs,
10396   name={\tstidxappfmt{Emacs}},
10397   category={application},
10398   description={a text editor}
10399 }
10400
10401 @index{applications.Emacs,
10402   name={\tstidxappfmt{Emacs}},
10403   parent={applications},
10404   category={application},
10405   description={a text editor}
10406 }

```

```

10407
10408 @index{Vi,
10409   name={\tstidxappfmt{Vi}},
10410   category={application},
10411   description={a text editor}
10412 }
10413
10414 @index{applications.Vi,
10415   name={\tstidxappfmt{Vi}},
10416   parent={applications},
10417   category={application},
10418   description={a text editor}
10419 }
10420
10421 @index{xindy.Lswedish,
10422   name={\tstidxappoptfmt{-L swedish}},
10423   parent={xindy},
10424   category={applicationoption},
10425   description={use the Swedish language module}
10426 }
10427
10428 @index{applications.xindy.Lswedish,
10429   name={\tstidxappoptfmt{-L swedish}},
10430   parent={applications.xindy},
10431   category={applicationoption},
10432   description={use the Swedish language module}
10433 }
10434
10435 @index{Lswedish.xindyoption,
10436   name={\tstidxappoptfmt{-L swedish} (\tstidxappfmt{xindy})},
10437   category={applicationoption},
10438   description={use the Swedish language module}
10439 }
10440
10441 @index{xindy.Ldanish,
10442   name={\tstidxappoptfmt{-L danish}},
10443   parent={xindy},
10444   category={applicationoption},
10445   description={use the Danish language module}
10446 }
10447
10448 @index{applications.xindy.Ldanish,
10449   name={\tstidxappoptfmt{-L danish}},
10450   parent={applications.xindy},
10451   category={applicationoption},
10452   description={use the Danish language module}
10453 }
10454
10455 @index{Ldanish.xindyoption,

```



```

10456 name={\tstidxappoptfmt{-L danish} (\tstidxappfmt{xindy})},
10457 category={applicationoption},
10458 description={use the Danish language module}
10459 }
10460
10461 @index{xindy.Lpolish,
10462 name={\tstidxappoptfmt{-L polish}},
10463 parent={xindy},
10464 category={applicationoption},
10465 description={use the Polish language module}
10466 }
10467
10468 @index{applications.xindy.Lpolish,
10469 name={\tstidxappoptfmt{-L polish}},
10470 parent={applications.xindy},
10471 category={applicationoption},
10472 description={use the Polish language module}
10473 }
10474
10475 @index{Lpolish.xindyoption,
10476 name={\tstidxappoptfmt{-L polish} (\tstidxappfmt{xindy})},
10477 category={applicationoption},
10478 description={use the Polish language module}
10479 }
10480
10481 @index{xindy.Licelandic,
10482 name={\tstidxappoptfmt{-L icelandic}},
10483 parent={xindy},
10484 category={applicationoption},
10485 description={use the Icelandic language module}
10486 }
10487
10488 @index{applications.xindy.Licelandic,
10489 name={\tstidxappoptfmt{-L icelandic}},
10490 parent={applications.xindy},
10491 category={applicationoption},
10492 description={use the Icelandic language module}
10493 }
10494
10495 @index{Licelandic.xindyoption,
10496 name={\tstidxappoptfmt{-L icelandic} (\tstidxappfmt{xindy})},
10497 category={applicationoption},
10498 description={use the Icelandic language module}
10499 }
10500
10501 @index{xindy.Lgermanduden,
10502 name={\tstidxappoptfmt{-L german-duden}},
10503 parent={xindy},
10504 category={applicationoption},

```

```

10505 description={use the German language module with the duden setting}
10506 }
10507
10508 @index{applications.xindy.Lgermanduden,
10509 name={\tstidxappoptfmt{-L german-duden}},
10510 parent={applications.xindy},
10511 category={applicationoption},
10512 description={use the German language module with the duden setting}
10513 }
10514
10515 @index{Lgermanduden.xindyoption,
10516 name={\tstidxappoptfmt{-L german-duden} (\tstidxappfmt{xindy})},
10517 category={applicationoption},
10518 description={use the German language module with the duden setting}
10519 }
10520
10521 @index{xindy.Lgermandin5007,
10522 name={\tstidxappoptfmt{-L german-din5007}},
10523 parent={xindy},
10524 category={applicationoption},
10525 description={use the German language module with the din5007 setting}
10526 }
10527
10528 @index{applications.xindy.Lgermandin5007,
10529 name={\tstidxappoptfmt{-L german-din5007}},
10530 parent={applications.xindy},
10531 category={applicationoption},
10532 description={use the German language module with the din5007 setting}
10533 }
10534
10535 @index{Lgermandin5007.xindyoption,
10536 name={\tstidxappoptfmt{-L german-din5007} (\tstidxappfmt{xindy})},
10537 category={applicationoption},
10538 description={use the German language module with the din5007 setting}
10539 }
10540
10541 @index{xindy.Mord/letorder,
10542 name={\tstidxappoptfmt{-M ord/letorder}},
10543 parent={xindy},
10544 category={applicationoption},
10545 description={use the letter ordering module}
10546 }
10547
10548 @index{applications.xindy.Mord/letorder,
10549 name={\tstidxappoptfmt{-M ord/letorder}},
10550 parent={applications.xindy},
10551 category={applicationoption},
10552 description={use the letter ordering module}
10553 }

```

```

10554
10555 @index{Mord/letorder.xindyoption,
10556   name={\tstidxappoptfmt{-M ord/letorder} (\tstidxappfmt{xindy})},
10557   category={applicationoption},
10558   description={use the letter ordering module}
10559 }
10560
10561 @index{makeindex.g,
10562   name={\tstidxappoptfmt{-g}},
10563   parent={makeindex},
10564   category={applicationoption},
10565   description={use the German setting that
10566 recognises the double-quote character as an umlaut command}
10567 }
10568
10569 @index{applications.makeindex.g,
10570   name={\tstidxappoptfmt{-g}},
10571   parent={applications.makeindex},
10572   category={applicationoption},
10573   description={use the German setting that
10574 recognises the double-quote character as an umlaut command}
10575 }
10576
10577 @index{g.makeindexoption,
10578   name={\tstidxappoptfmt{-g} (\tstidxappfmt{makeindex})},
10579   category={applicationoption},
10580   description={use the German setting that
10581 recognises the double-quote character as an umlaut command}
10582 }
10583
10584 @index{makeindex.l,
10585   name={\tstidxappoptfmt{-l}},
10586   parent={makeindex},
10587   category={applicationoption},
10588   description={use letter ordering}
10589 }
10590
10591 @index{applications.makeindex.l,
10592   name={\tstidxappoptfmt{-l}},
10593   parent={applications.makeindex},
10594   category={applicationoption},
10595   description={use letter ordering}
10596 }
10597
10598 @index{l.makeindexoption,
10599   name={\tstidxappoptfmt{-l} (\tstidxappfmt{makeindex})},
10600   category={applicationoption},
10601   description={use letter ordering}
10602 }

```

```

10603
10604 @index{tstidxencapi,
10605   name={\texttt{tstidxencapi} (\tstidxcsfmt{tstidxencapi})},
10606   text={\texttt{tstidxencapi}},
10607   category={encapcsn},
10608   description={first test encap}
10609 }
10610
10611 @index{encap.tstidxencapi,
10612   name={\texttt{tstidxencapi}},
10613   parent={encap},
10614   category={encapcsn},
10615   description={first test encap}
10616 }
10617
10618 @index{tstidxencapii,
10619   name={\texttt{tstidxencapii} (\tstidxcsfmt{tstidxencapii})},
10620   text={\texttt{tstidxencapii}},
10621   category={encapcsn},
10622   description={second test encap}
10623 }
10624
10625 @index{encap.tstidxencapii,
10626   name={\texttt{tstidxencapii}},
10627   parent={encap},
10628   category={encapcsn},
10629   description={second test encap}
10630 }
10631
10632 @index{tstidxencapiii,
10633   name={\texttt{tstidxencapiii} (\tstidxcsfmt{tstidxencapiii})},
10634   text={\texttt{tstidxencapiii}},
10635   category={encapcsn},
10636   description={third test encap}
10637 }
10638
10639 @index{encap.tstidxencapiii,
10640   name={\texttt{tstidxencapiii}},
10641   parent={encap},
10642   category={encapcsn},
10643   description={third test encap}
10644 }
10645
10646 @index{cs.index,
10647   name={\tstidxcsfmt{index}},
10648   category={cs},
10649   description={write information to the external index file
10650 that will be processed by an indexing application (defined by the
10651 \LaTeX\ kernel)}

```

```

10652 }
10653
10654 @index{cs.testidx,
10655   name={\tstidxcsfmt{testidx}},
10656   category={cs},
10657   description={produce the dummy text (defined in the
10658 \glshyperlink{testidxpackage} package)}
10659 }
10660
10661 @index{cs.tstidxtoidx,
10662   name={\tstidxcsfmt{tstidxtoidx}},
10663   category={cs},
10664   description={switch back to the original definitions
10665 provided by the base \glshyperlink{testidxpackage} package (defined
10666 in the \glshyperlink{testidxglossariespackage} package)}
10667 }
10668
10669 @index{cs.gls,
10670   name={\tstidxcsfmt{gls}},
10671   category={cs},
10672   description={reference a term defined by the
10673 \glshyperlink{glossariespackage} package (displays text and performs
10674 indexing)}
10675 }
10676
10677 @index{cs.glspl,
10678   name={\tstidxcsfmt{glspl}},
10679   category={cs},
10680   description={as \glshyperlink{cs.gls} but displays the
10681 plural form}
10682 }
10683
10684 @index{cs.glsadd,
10685   name={\tstidxcsfmt{glsadd}},
10686   category={cs},
10687   description={indexes a term defined by the
10688 \glshyperlink{glossariespackage} package (but doesn't display any
10689 text)}
10690 }
10691
10692 @index{cs.glssee,
10693   name={\tstidxcsfmt{glssee}},
10694   category={cs},
10695   description={indexes a cross-referenced term or terms defined by the
10696 \glshyperlink{glossariespackage} package (but doesn't display any
10697 text)}
10698 }
10699
10700 @index{cs.glsxtrindexseealso,

```

```

10701 name={\tstidxcsfmt{glxtrindexseealso}},
10702 category={cs},
10703 description={indexes a \tstidxqt{see also} cross-referenced term
10704 or terms
10705 defined by the
10706 \glshyperlink{glossariesextrapackage} package (but doesn't display
10707 any text)}
10708 }
10709
10710 @index{cs.glshyperlink,
10711 name={\tstidxcsfmt{glshyperlink}},
10712 category={cs},
10713 description={displays the text associated with a
10714 term (with a hyperlink if enabled) but doesn't perform
10715 any indexing (defined by the \glshyperlink{glossariespackage}
10716 package)}
10717 }
10718
10719 @index{cs.setglossarystyle,
10720 name={\tstidxcsfmt{setglossarystyle}},
10721 category={cs},
10722 description={sets the glossary style
10723 (defined by the \glshyperlink{glossariespackage} package)}
10724 }
10725
10726 @index{cs.tstidxfootnote,
10727 name={\tstidxcsfmt{tstidxfootnote}},
10728 category={cs},
10729 description={produces a footnote
10730 (defined by the \glshyperlink{testidpackage} package)}
10731 }
10732
10733 @index{cs.footnote,
10734 name={\tstidxcsfmt{footnote}},
10735 category={cs},
10736 description={produces a footnote
10737 (defined by the \LaTeX\ kernel)}
10738 }
10739
10740 @index{cs.tstidxtext,
10741 name={\tstidxcsfmt{tstidxtext}},
10742 category={cs},
10743 description={used to mark the sample text being indexed
10744 (defined by the \glshyperlink{testidpackage} package)}
10745 }
10746
10747 @index{cs.textcolor,
10748 name={\tstidxcsfmt{textcolor}},
10749 category={cs},

```

```

10750 description={displays the given text in the given colour
10751 (a colour package is required to enable this command)}
10752 }
10753
10754 @index{cs.glstreenamefmt,
10755   name={\tstidxcsfmt{glstreenamefmt}},
10756   category={cs},
10757   description={used to set the font for
10758 the name field in the tree-like glossary styles}
10759 }
10760
10761 @index{cs.tstindex,
10762   name={\tstidxcsfmt{tstindex}},
10763   category={cs},
10764   description={used to index the sample text
10765 for the base \glshyperlink{testidpackage} package (not for the
10766 \glshyperlink{testidglossariespackage} package)}
10767 }
10768
10769 @index{cs.GlsAddXdyAttribute,
10770   name={\tstidxcsfmt{GlsAddXdyAttribute}},
10771   category={cs},
10772   description={adds a \glshyperlink{xindy}
10773 attribute (provided by the \glshyperlink{glossariespackage} package)}
10774 }
10775
10776 @index{cs.delimN,
10777   name={\tstidxcsfmt{delimN}},
10778   category={cs},
10779   description={page number separator used in the
10780 \glshyperlink{locationlist} (provided by the \glshyperlink{glossariespackage} pack-
10781 age)}
10782 }
10783 @index{cs.delimR,
10784   name={\tstidxcsfmt{delimR}},
10785   category={cs},
10786   description={page range separator used in the
10787 \glshyperlink{locationlist} (provided by the \glshyperlink{glossariespackage} pack-
10788 age)}
10789 }
10790 @index{cs.IeC,
10791   name={\tstidxcsfmt{IeC}},
10792   category={cs},
10793   description={used internally by the \glshyperlink{inputencpackage}
10794 package}
10795 }
10796

```

```

10797 @index{cs.tstidxindexmarkerprefix,
10798   name={\tstidxcsfmt{tstidxindexmarkerprefix}},
10799   category={cs},
10800   description={prefix used in the
10801 sort key for markers if the \tstidxstyoptfmt{prefix}
10802 option is used (but not with the \tstidxstyoptfmt{bib2gls}
10803 option)}
10804 }
10805
10806 @index{cs.tstidxindexmathsymprefix,
10807   name={\tstidxcsfmt{tstidxindexmathsymprefix}},
10808   category={cs},
10809   description={prefix used in the
10810 sort key for mathematical symbols if the \tstidxstyoptfmt{prefix}
10811 option is used (but not with the \tstidxstyoptfmt{bib2gls}
10812 option)}
10813 }
10814
10815 @index{cs.tstidxmakegloss,
10816   name={\tstidxcsfmt{tstidxmakegloss}},
10817   category={cs},
10818   description={command used to load
10819 the files containing the sample glossary definitions
10820 and also use the appropriate command to initialise the indexing,
10821 depending on the package options}
10822 }
10823

```

Change History

1.1 (??)		\testidx:new	88
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\@tidx@par@ii:new	123	\tstidx@encap:new	90
\@tidx@par@iii:new	125	\tstidx@getlabel:new	92
\@tidx@par@iv:new	128	\tstidx@glossariespkg:new	79
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<code>\tstidxbasebibfiles:new</code>	81	<code>\tstidxnewutfword:new</code>	119
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<code>\tstidxcs:new</code>	89	<code>\tstidxnoidxmakegloss:new</code>	81
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