GNU Texinfo Reference Card

(for Texinfo version 4.13) http://www.gnu.org/software/texinfo/

Texinfo document skeleton

Texinfo source files are plain text; standard extensions are '.texinfo', '.texi', and '.txi'. A Texinfo file must begin with lines like this:

\input texinfo
@setfilename info-file-name
@settitle name-of-manual

 \dots the contents of the Texinfo document follow, ending with: ${\tt Qbye}$

Texinfo @-commands Beginning a Texinfo document

The commands in this section are given approximately in the order in which they conventionally appear.

©setfilename info-file-name Provide a name to be used for the output files. This command is essential for TEX formatting as well, even though it produces no output. Should be the first command in the input.

Osettitle title Specify document title.

Internationalization

@documentencoding *enc* Declare the input encoding to be *enc*; use right after <code>@setfilename</code>. Default is <code>US-ASCII</code>; other possibilities: <code>UTF-8</code>, <code>ISO-8859-1</code>, <code>koi8-r</code>, ...

<code>©documentlanguage LL[_CC]</code> Declare the current language as the two-character ISO-639 abbreviation LL, optionally followed by an underscore and a two-letter ISO 3166 two-letter country code (CC). Default is en_US.

Info directory specifications

@dircategory category name Specify an Info directory section for this file's entries. Can be repeated. We try to follow the categories in the Free Software Directory.

@direntry Begin the Info directory menu entries for this file. Pair with **@end direntry**.

HTML document description

@documentdescription Set the document description text for HTML; default is just the title of the document. Pair with <code>@end documentdescription</code>.

Title pages

©shorttitlepage title Generate a minimal title page, generally for the first page of output in a long printed manual.

Ocenter line-of-text Center line-of-text, usually for titles.

Otitlefont {text} In a printed manual, print text in a larger than cappendix section is a synonym. normal font. Ignored in Info.

Otitlepage Begin the title page. Write the command on a line of its own, paired with Oend titlepage. Ignored in Info.

@title title Within @titlepage, display title appropriately.
@subtitle subtitle Within @titlepage, display subtitle.

Qauthor author Within Qtitlepage, display author.

Tables of contents

@shortcontents Print a short table of contents (chapter-level entries only). Not relevant to Info.

Qsummarycontents Synonym for Qshortcontents.

@contents Print a complete table of contents. Has no effect in Info, which uses menus instead.

@setcontentsaftertitlepage Put the table of contents after the '@end titlepage' even if the @contents is at the end.

@setshortcontentsaftertitlepage Place the short table of contents after the 'Qend titlepage' command even if the @shortcontents command is at the end

Nodes

@node name, next, previous, up Begin a new node. The next, previous, and up pointers are usually omitted in a normally-structured document.

Otop title Mark the topmost Onode in the file, which must be defined on the line immediately preceding Otop. The title is formatted as a chapter-level heading. The entire top node, including the Onode and Otop lines, are normally enclosed with Oifnottex... Oend ifnottex.

 ${\tt Canchor}\,\{name\}$ Define name as the current location, for use as a cross-reference target.

@novalidate Suppress validation of node references and omit creation of auxiliary files with TpX. Use before @setfilename.

Chapter structuring

 ${\tt @lowersections}$ Change subsequent chapters to sections, sections to subsections, and so on.

@raisesections Change subsequent sections to chapters, subsections to sections, and so on.

Numbered, included in contents

 ${\tt @chapter}\ title$ Begin a numbered chapter; title appears in the table of contents.

Ocenterchap title Like Ochapter, with chapter title centered.

Context-dependent, included in contents

Osection title Begin a section within a chapter. Within Ochapter and Oappendix, the section is numbered; within Ounnumbered, it is unnumbered.

©subsection *title* Begin a subsection within a section. Same context-dependent numbering as **©**section.

 ${\tt Gsubsubsection}\ title\ {\tt Begin}\ a\ {\tt numbered}\ {\tt subsubsection}\ within\ a\ {\tt subsection}.$ Same context-dependent numbering as ${\tt Gsection}.$

Unnumbered, included in contents

Cunnumbered title Begin an unnumbered chapter.

Cunnumberedsec title Begin an unnumbered section.

Qunnumberedsubsec title Begin an unnumbered subsection.

©unnumbered subsection.

Lettered and numbered, included in contents

Cappendix title Begin an appendix.

 ${\tt @appendixsec}\ title\ {\tt Begin\ an\ appendix}\ section\ within\ an\ appendix;$ ${\tt @appendixsection}\ is\ a\ synonym.$

Cappendixsubsec *title* Begin an appendix subsection; Cappendixsubsection is a synonym.

@appendixsubsubsec title Begin an appendix subsubsection; @appendixsubsubsection is a synonym.

Unnumbered, not in contents, no new page

@chapheading title Print an unnumbered chapter-like heading. **@majorheading** title Like **@chapheading**, but generate additional vertical whitespace before the heading.

Cheading title Print an unnumbered section-like heading.
Csubheading title Print an unnumbered subsection-like heading.

 ${\tt Gsubsubheading}\ title$ Print an unnumbered subsubsection-like heading.

Menus

@menu Mark the beginning of a menu of nodes in Info. No effect in a printed manual. Pair with @end menu.

@detailmenu Mark the (optional) detailed node listing in a master menu

Cross references

Within the Info system

<code>@xref {node, [entry], [node-title], [info-file], [manual] } Makes a reference that starts with 'See' in a printed manual. Follow command with punctuation. Only the first argument is mandatory.</code>

<code>@pxref {node, [entry], [node-title], [info-file], [manual]}</code> Like <code>@xref, but starts with 'see' instead of 'See', and must be used inside parentheses.</code>

<code>@ref {node, [entry], [node-title], [info-file], [manual] } Like @xref, but produces only the bare reference without 'See' or 'see'; must be followed by a punctuation mark.</code>

@inforef {node, [entry-name], info-file} Make a cross reference to an Info file for which there is no printed manual.

Outside of Info

@url {url, [displayed-text], [replacement] } Make a hyperlink
reference to a uniform resource locator. @uref is a synonym.

@cite {title} Indicate the name of a book or other reference that has no Info file; no hyperlink.

Marking words and phrases

Markup for regular text

@emph {text} Emphasize text, by using italics where possible, and enclosing in asterisks in Info.

 \mathfrak{C} strong $\{text\}$ Emphasize text even more strongly, by using bold where possible; still enclosed in asterisks in Info.

@var {metasyntactic-variable} Indicate a meta variable (a name that stands for another piece of text).

 ${\tt @dfn}$ { term} Indicate the introductory or defining use of a technical term.

Cacronym {acronym} Indicate an acronym written in all captial letters, such as 'NASA'.

 ${\tt Qabbr}\ \{abbreviation\}$ Indicate a general abbreviation, such as 'Comput.'

Markup for literal text

@code {sample-code} Indicate an expression, a syntactically complete token, or a program name. Unquoted in Info output. @file {filename} Indicate the name of a file, buffer, node, directory, etc.

 ${\tt @command}$ (command -name) Indicate a system command name, such as ${\tt ls}.$

 ${\tt Genv}\ \{environment\ variable\}\$ Indicate an environment variable name, such as PATH.

 $\begin{tabular}{ll} {\tt Coption-name} {\tt Indicate a command-line option, such as -v and --help.} \end{tabular}$

@kbd {keyboard-characters} Indicate characters of input to be typed by users.

@key {key-name} Indicate the name of a key on a keyboard.
@email {address, [displayed-text] } Indicate an email address.

@indicateurl {url} Indicate a uniform resource locator, but without creating any hyperlink.

Qsamp {text} Indicate a sequence of literal characters, in general. Quoted in Info output.

Overb {delimchar literal-text delimchar} Output literal-text, delimited by the single character delimchar, exactly as is, including any whitespace or Texinfo special characters. Example: @verb{|@ @}|}.

Explicit font selection

Osc {text} Set text in a small caps font in printed output, and uppercase in Info. No other font command has any effect in Info. Or {text} Set text in the regular roman font.

Qi {text} Set text in an italic font.

Qslanted {text} Set text in a slanted (oblique) font if possible. $\mathfrak{Qb} \{ text \}$ Set text in a bold font.

Osansserif {text} Set text in a sans serif font if possible. **Qt** { text} Set text in a fixed-width, typewriter-like font.

Quotation and example environments

'Environments' in Texinfo begin with an Qenvname on a line of its own and continue through the following lines of input until a corresponding Cend envname is seen.

Cnoindent Omit the normal indentation when starting a new paragraph; often used after environments.

@exdent line-of-text Output line-of-text without any indentation. **@cartouche** Highlight an example or quotation by drawing a box with rounded corners around it. Pair with @end cartouche. No effect in Info.

Displays in regular text fonts

Oformat Begin formatted text: do not fill text; retain normal margins and normal text font. Pair with @end format.

Osmallformat Like Oformat, but select a smaller (text) font where Oheaditem Used only for multitables. Like Oitem, but indicates a possible. Pair with @end smallformat.

@display Begin displayed text: do not fill, and indent text; retain @asis text Prints text as-is; used as formatting-command for normal text font. Pair with Qend display.

Osmalldisplay Like Odisplay, but select a smaller (text) font where possible. Pair with @end smalldisplay.

Oflushleft Left justify lines: do not fill text, retain normal margins and normal text font. Pair with @end flushleft.

Oflushright Right justify lines, leaving the left end ragged: do not fill text, retain normal margins and normal text font. Pair with @end flushright.

Quotation Narrow both margins to indicate text that is quoted from another work; do normal line breaking and retain normal font. Takes optional argument of prefix text. Pair with Qend quotation.

Craggedright Left justify lines, leaving the right end ragged: fill text, retain normal text font. Pair with Gend raggedright.

Craggedleft Right justify lines, leaving the left end ragged: fill text, retain normal text font. Pair with @end raggedleft.

Oraggedcenter Center lines: fill text, retain normal text font. Pair with @end raggedcenter.

Osmallquotation Like Oquotation, but select a smaller (text) font where possible. Pair with @end quotation.

Displays using fixed-width fonts

Cexample Begin an example. Indent text, do not fill, and select fixed-width font. Pair with @end example.

Osmallexample Like Oexample, but where possible, print text in a Ovindex entry Add entry to the index of variables. smaller font. Pair with @end smallexample.

Clisp Like Cexample, but specifically for an example of Lisp code. Cpindex entry Add entry to the index of programs. Pair with @end lisp.

Osmalllisp Begin an example specifically of Lisp code; same effects as @smallexample. Pair with @end smalllisp.

Overbatim Output the text of the environment exactly as is. without indentation. Pair with @end verbatim.

Lists and tables

@itemize mark-command Begin an unordered list, using @item for each entry, which consist of indented paragraphs, with a mark such as Obullet inside the left margin at the beginning of each item. Pair with Qend itemize.

@enumerate [number-or-letter] Begin a numbered list, using @item for each entry. Optionally, start list with number-or-letter and count from there; by default, number consecutively from '1'. Pair with @end enumerate.

Otable formatting-command Begin a two-column table (description list), using @item for each entry. Write each first column entry on the same line as Qitem, formatting-command is applied to each first column entry. Pair with Qend table.

Oftable formatting-command Like Otable, but automatically enter each first column entry in the function index.

Ovtable formatting-command Like Otable, but automatically enter each first column entry in the variable index.

Cmultitable column-width-spec Begin multi-column table; start rows with Citem or Cheaditem. Pair with Cend multitable.

Otab Separate columns in a row of a multitable.

@item Begin an item for the list and table commands.

Citemx Used only with Ctable. Like Citem but do not generate extra preceding vertical space. When several items have the same description, use @item for the first and @itemx for the rest.

heading row.

tables when no highlighting is desired.

Floating displays

Ofloat Environment within which floating material is defined. Pair with @end float.

Clistoffloats Produce a list of floats for a given float type. Ocaption Define the full caption for a Ofloat anywhere in the float environment.

Oshortcaption Define the short caption for a Ofloat, used in the list of floats.

Cimage {filename, [width], [height], [alt], [ext] } Include graphics image in external filename scaled to the given width and/or height, using alt text and looking for 'filename.ext' first. Can occur inline or by itself on the page.

Footnotes

Of cotnote {text-of-footnote} Produce a footnote: text-of-footnote is printed at the bottom of the page by T_EX, while Info and others may format at either (by default) the end of the current node, or in a separate node.

Ofootnotestyle style Specify footnote style: 'end' or 'separate'.

Ocindex entry Add entry to the index of concepts. Ofindex entry Add entry to the index of functions.

Okindex entry Add entry to the index of keys.

Otindex entry Add entry to the index of data types.

Odef code index newidx Define a new index and its indexing command (namely, @newidxindex). Format entries in this index with @code.

Odefindex newidx Define a new index and its indexing command. Format entries as regular text.

Osyncodeindex from-index to-index Merge the contents of from-index into to-index, formatting the entries in from-index with @code.

Osynindex from-index to-index Merge the contents of from-index into to-index; no special formatting.

Oprintindex index-name Generate an alphabetized index (using two columns in a printed manual).

Insertions within a paragraph

Characters special to Texinfo

- **QQ** Insert an at sign, '@'.
- **Q{** Produce a left brace, '{'.
- **Q**} Produce a right brace, '}'.

Ocomma {} Produce a comma character; needed only when a literal comma would be an argument separator, as in @xref.

@whitespace An @ followed by a space, tab, or newline produces a normal, stretchable, interword space.

Spacina refinements

- Q: Tell TFX to refrain from inserting extra whitespace after an immediately preceding period, question mark, exclamation mark, or colon, as TFX normally would.
- **Q.** Produce a period that ends a sentence; typically needed after an end-of-sentence capital letter.
- **Q?** Produce a question mark that ends a sentence.
- Q! Produce an exclamation point that ends a sentence.

Odmn {dimension} Format a unit of measure, as in '12 pt'. Causes TFX to insert a thin space before dimension. No effect in Info.

Braces are optional for the arguments to the accent commands, with the exception of @tieaccent.

- **0**" c Generate an umlaut, ö.
- Q' c Generate an acute accent, ó.
- **©**, c Generate a cedilla accent, c.
- Q = c Generate a macron accent, \bar{o} .
- **@^** c Generate a circumflex (hat) accent, ô.
- ©' c Generate a grave accent, ó.
- $\mathfrak{Q}^{\sim} c$ Generate a tilde accent, $\tilde{0}$.

Odotaccent c Generate a dot (over) accent, o.

QH c Generate a long Hungarian umlaut accent, ő.

Cogonek c Generate an ogonek diacritic, a.

Oringaccent c Generate a ring accent, o.

Otieaccent {cc} Generate a tie-after accent, oo; argument must be given in braces.

Qu c Generate a breve accent, ŏ.

Qubaraccent c Generate an underbar accent, o.

Qudotaccent c Generate an underdot accent, o.

@v c Generate a check (hacek) accent, ŏ.

Non-English characters

QAA {}, Qaa {} Generate uppercase Å and lowercase å. QAE {}, Qae {} Generate uppercase Æ and lowercase æ.

QL {}, Q1 {} Generate uppercase £ and lowercase & QL {}, Q1 {} Generate uppercase £ and lowercase }.

 $@0 {}$, $@o {}$ Generate uppercase \emptyset and lowercase \emptyset .

QOE {}, Qoe {} Generate uppercase Œ and lowercase œ.

 $\begin{tabular}{ll} \tt Qexclamdown {\tt S} & Generate an upside-down exclamation point, i. \\ \tt Qquestiondown {\tt S} & Generate an upside-down question mark, i. \\ \end{tabular}$

@ss {} Generate the German sharp-S (es-zet) letter, ß.

$Other\ text\ characters\ and\ logos$

 $\tt Qdots \{\}$ Produce an ellipsis, '...'.

 ${\tt Qenddots}$ {} Produce an end-of-sentence ellipsis, '...' (more following space in TeX.)

@bullet {} Produce a large round dot, ● ('*' in Info).

@euro {} Produce the Euro currency sign, €.

 ${\tt @pounds}$ {} Produce the pounds sterling currency sign, £.

Ominus {} Produce a minus sign, '-'.

Ocopyright {} Produce the copyright symbol, ©.

 $\c Cregistered symbol$ {} Produce the registered symbol, $\c R$. $\c CTeX$ {} Produce the TeX logo.

QLaTeX {} Produce the LATEX logo.

@today {} Produce the current date, in '1 Jan 2000' style.
@guillemetleft{} @guillemetright{} @guillemotleft{}

@guillemotright @guilsinglleft{} @guilsinglright{}
@quotedblbase{} @quotedblleft @quotedblright{}
@quoteleft{} @quoteright{} @quotesinglbase{} Produce

various quotation marks: « » « » « » « » , " $\ddot{,}$, .

Glyphs for code examples

 $\texttt{Qequiv} \ \{\} \ \text{Indicate equivalence of two forms,} \ \equiv.$

@error {} Indicate an error message, error .

Qexpansion {} Indicate the result of a macro expansion, \mapsto .

©point {} Indicate the position of point in a buffer, ★.

Oprint {} Indicate printed output, ⊢.

 \mathfrak{Q} result {} Indicate the result of an expression, \Rightarrow .

$GUI\ sequences$

 ${\tt @clicksequence}$ { $action {\tt @click}$ } action ...} Represent a sequence of GUI actions or clicks.

@click{} Represent a single 'click' in a @clicksequene.
@clickstyle @cmd Execute @cmd for each @click; default is
@arrow. Empty braces usually following @cmd are omitted here.

11.4

 ${\tt Cmath}$ Format the given math (inline); \ becomes an escape character, and all $T_{\tt E}X$ math is available.

♥\ Inside @math, generate a backslash, \.

Ogeq {} Generate a greater-than-or-equal sign, >.

Oleq {} Generate a less-than-or-equal sign, <.

 $\operatorname{Qarrow}\{\}$ Generate a right arrow glyph, \rightarrow .

Making and preventing breaks

@* Force a line break.

Q/ Produces no output, but allows a line break.

©- Insert a discretionary hyphenation point.

 $\protect\ensuremath{\mathfrak{Chyphen-a-ted}}\protect\ensuremath{\mathsf{Words}}\protect\ensuremath{\mathsf{Explicitly}}\protect\ensuremath{\mathsf{Explicitly}}\protect\ensuremath{\mathsf{define}}\protect\ensuremath{\mathsf{hyphen-a-ted}}\protect\ensuremath{\mathsf{Words}}\protect\ensuremath{\mathsf{Explicitly}}\protect\ensuremath{\mathsf{define}}\protect\ensuremath{\mathsf{hyphen-a-ted}}\protect\ensuremath{\mathsf{Mords}}\protect\ensuremath{\mathsf{Explicitly}}\protect\ensuremath{\mathsf{define}}\protect\ensuremath{\mathsf{hyphen-a-ted}}\protect\ensuremath{\mathsf{Mords}}\protect\ensuremath{\mathsf{Explicitly}}\protect\ensuremath{\mathsf{define}}\protect\ensuremath{\mathsf{hyphen-a-ted}}\protect\ensuremath{\mathsf{Mords}}\protect\ensuremath{\mathsf{Mords}}\protect\ensuremath{\mathsf{Hyphen-a-ted}}\protect\ensuremath{\mathsf{Mords}}\protect\ensuremath{\mathsf{Hyphen-a-ted}}\protect\ensuremath{\mathsf{Mords}}\protect\ensuremath{\mathsf{$

@tie {} Generate a normal interword space at which a line break is not allowed.

Ow {text} Disallow line breaks within text.

@refill Does nothing (previously refilled and indented the preceding paragraph for Info).

Vertical space

 $\mathfrak{Qsp} n$ Skip n blank lines.

@page Start a new page in a printed manual. Ignored in other formats.

©need mils Start a new page in a printed manual if fewer than mils thousandths of an inch remain on the current page. Ignored in other formats.

Ogroup Disallow page breaks in following text. Pair with **Oend** group. Ignored in other formats.

Ovskip amount In a printed manual, insert whitespace amount. Ignored in other formats.

Definition commands

The ...x variant of each command is analogous to @itemx, leaving no extra space above. All definition commands must be written entirely on one line. Multiword arguments must be enclosed in braces. Descriptive text follows, ended by '@end defcmdname'.

Function-like definitions, untyped

<code>@deffn[x]</code> category name arguments Format a description for a function, interactive command, or similar entity that may take arguments. Its arguments are the category of entity being described, the name of this particular entity, and the entity's arguments. if any.

 ${\tt Odefun}[x]$ name arguments Format a description for a function; equivalent to ' ${\tt Odeffn}$ Function ...'.

@defmac[x] name arguments Format a description for a macro; equivalent to '@deffn Macro ...'.

@defspec[x] name arguments Format a description for a special form; equivalent to '@deffn {Special Form} ...'.

Function-like definitions, typed

 $\mathtt{Qdeftypefn}[x]$ category data-type name arguments Like $\mathtt{Qdeffn},$ but for typed entities.

@deftypefun[x] data-type name arguments Like @defun, but for typed entities; equivalent to '@deftypefn Function ...'.

Variable-like definitions, untyped

<code>@defvr[x]</code> category name Format a description for any kind of variable. Its arguments are the category of the entity and the name of this particular entity.

 ${\tt @defvar[x]} \ name \ {\tt Format} \ a \ description \ for \ a \ variable; \ equivalent \ to \ {\tt `@defvr \ Variable} \ \dots . `.$

 $\begin{tabular}{ll} \tt Odefopt[x] & name Format a description for a user option; \\ \tt equivalent to 'Odefvar \{User Option\} ...'. \\ \end{tabular}$

Variable-like definitions, typed

 ${\tt Qdeftypevr[x]}\ category\ data-type\ name\ {\tt Like}\ {\tt Qdefvr},\ {\tt but}\ for\ {\tt typed}\ entities.$

@deftypevar[x] data-type name Like @defvar, but for typed entities; equivalent to '@deftypevr Variable ...'.

Types

<code>@deftp[x]</code> category name attributes Format a description for a data type. Its arguments are the category, the name of the type (e.g., 'int'), and then the attributes of objects of that type.

Object-oriented entities, untyped

 \mathbb{Q} defop[x] category class name arguments Format a description for an operation in object-oriented programming. Its arguments are the category of the variable, the class to which it belongs, its name, and any arguments.

<code>@defmethod[x]</code> class name arguments Format a description for method name; equivalent to '@defop {Method on} ...'.

 $\mathtt{Odefcv}[x]$ category class name Format a description for a variable associated with a class in object-oriented programming.

Odefivar[x] class name Format a description for an instance variable name in object-oriented programming; equivalent to 'Odefcv {Instance Variable of} ...'.

Object-oriented entities, typed

 ${\tt @deftypeop[x]}$ category class data-type name arguments Format a description for a typed operation in object-oriented programming.

 $\begin{tabular}{ll} {\tt Cdeftypemethod[x]} & class & data-type & name & arguments & Format & a \\ & description & for a typed method in object-oriented programming; \\ & equivalent & to `{\tt Cdeftypeop} & {\tt Method on} } \dots `. `. \\ \end{tabular}$

 $\mathtt{Odeftypecv}[\mathtt{x}]$ category class datatype name Like $\mathtt{Odefcv},$ but for typed class variables.

 ${\tt Qdeftypeivar[x]}\ class\ data-type\ name\ Like\ {\tt Qdefivar},\ but\ for\ typed\ instance\ variables.$

Conditionally (in)visible text

©comment Begin a comment in Texinfo. The rest of the line is not visible in any output.

 ${\tt Qc}\ comment$ Synonym for ${\tt Qc}\ comment$. DEL also starts a comment. ${\tt Qignore}\ Begin\ text$ that will not appear in any output. Pair with ${\tt Qend}\ ignore$.

Output formats

 ${\tt @ifdocbook}$ Begin text to appear only in Docbook output. Pair with ${\tt @end}$ ifdocbook.

 ${\tt @ifhtml}$ Begin text to appear only in HTML output. Pair with ${\tt @end}$ ifhtml.

@ifinfo Begin text to appear in both Info and (for historical compatibility) plain text output. Pair with @end ifinfo.

@ifplaintext Begin text to appear only in plain text output.
Pair with @end ifplaintext.

 ${\tt @iftex}\ {\tt Begin}\ {\tt text}\ {\tt to}\ {\tt appear}\ {\tt only}\ {\tt in}\ {\tt the}\ {\tt T}{\tt E}{\tt X}\ {\tt output}.$ Pair with ${\tt @end}\ {\tt iftex}.$

@ifxml Begin text that will appear only in the XML output. Pair with @end ifxml.

@ifnotdocbook @ifnothtml @ifnotplaintext @ifnottex @ifnotxml Begin text to be ignored in one output format but not the others: @ifnothtml text is omitted from HTML output, etc. Pair with the corresponding @end ifnotformat.

 ${\tt @ifnotinfo}$ Like the other ${\tt @ifnot...}$ commands, but omit from plain text output as well as Info. Pair with ${\tt @end}$ ifnotinfo.

Raw formatter text

 ${\tt Qdocbook}$ Enter Docbook completely. Pair with ${\tt Qend}$ docbook.

Ohtml Enter HTML completely. Pair with Gend html.

@tex Enter TEX completely (e.g., \ becomes an escape character).
Pair with @end tex.

@xml Enter XML completely. Pair with @end xml.

Document variables

 ${\tt @set}$ name [string] Define the Texinfo variable name, optionally to the value string.

Oclear name Undefine the Texinfo variable name.

@value {name} Insert the value of the Texinfo variable name.
@ifset name If the Texinfo variable name is set, format the following text. Pair with @end ifset.

<code>@ifclear</code> flag If the Texinfo variable name is not set, format the following text. Pair with <code>@end ifclear</code>.

Defining new Texinfo commands

Qalias new=existing Make the command Qnew a synonym for the existing command Qexisting.

 ${\tt Cmacro\,\it macro\it mac}$ Define a new Texinfo command ${\tt Cmacro\it mac}$ Pair with ${\tt Cend}$ macro.

<code>@definfoenclose</code> newcmd, before, after Can only be used within <code>@ifinfo</code>; create a new command that encloses its argument in the before and after strings.

File inclusion

 ${\tt @include}\ filename$ Read the contents of Texinfo source file filename.

Cverbatiminclude *filename* Incorporate the contents of *filename* in the output, exactly as is (in the fixed-width font).

Formatting and headers/footers for T_FX

Offinalout Tell TEX to omit the large black rectangles beside over-wide lines.

Paper sizes

The default paper size is US letter-size, 8x11"xx.

Osmallbook Format for a 7x9.25"xx trim size.

Cafourpaper, Cafivepaper Format for A4 and A5 paper sizes.

Qafourlatex A variant for A4 with more whitespace.

Cafourwide Format for A4 in landscape.

@pagesizes [width][, height] Format for the explicitly given page dimensions, width by height.

Page headers and footers

@oddfooting [left] @| [center] @| [right]

Coddheading [left] Center C | Collins | Specify page footings resp. headings for odd-numbered (right-hand) pages.

@evenfooting [left] @| [center] @| [right]

@evenheading [left] **@**| [center] **@**| [right] Specify page footings resp. headings for even-numbered (left-hand) pages.

@everyfooting [left] @| [center] @| [right]

@everyheading [left] @| [center] @| [right] Specify page footings resp. headings for every page.

Othischapter, Othischaptername, Othischapternum,

Othisfile, Othispage, Othistitle These commands are only allowed in a heading or footing. They stand for, respectively, the number and name of the current chapter (in the format 'Chapter 1: Title'), the current chapter name only ('Title'), the current chapter number only ('1'), the filename, the current page number, and the title of the document.

Document preferences

It is usually best to omit any of these settings from the Texinfo document, thus allowing users to override the defaults when processing the document according to their needs.

©setchapternewpage on off odd Specify whether chapters start on new pages, and if so, whether on odd-numbered (right-hand) new pages; also set the page headings accordingly.

@headings on | off | single | double Turn page headings on or off, specify single-sided or double-sided page headings for printing.

©paragraphindent indent Indent paragraphs by indent number of spaces (perhaps 0); preserve source file indentation if indent is the string asis.

@example: indent indent Indent example-like environments by indent number of spaces (perhaps 0).

 ${\tt Qkbd}$ inputstyle style Specify when ${\tt Qkbd}$ should use a font distinct from ${\tt Qcode}.$

Ending a Texinfo document

©bye End reading the Texinfo source. Any following text in the file is ignored.

Editing Texinfo sources in Emacs

The Texinfo major mode in GNU Emacs is for editing Texinfo source files. To enter Texinfo mode, visit a source file with one of the supported extensions. This list of mode commands is from Emacs 22.1.

texinfo-show-structure up-list	C-c C-s C-c]
up-list	C-c }
texinfo-insert-quote	II
texinfo-insert-@item	M-RET
texinfo-insert-block	C-c C-o
texinfo-insert-braces	C-c {
texinfo-start-menu-description	C-c C-c C-d
texinfo-insert-@emph	C-c C-c C-e
texinfo-insert-@strong	C-c C-c C-s
texinfo-insert-@code	C-c C-c c
texinfo-insert-@dfn	C-c C-c d
texinfo-insert-@end	C-c C-c e
texinfo-insert-@file	C-c C-c f
texinfo-insert-@item	C-c C-c i
texinfo-insert-@kbd	C-c C-c k
texinfo-insert-@email	C-c C-c m
texinfo-insert-@node	C-c C-c n
texinfo-insert-@noindent	C-c C-c o
texinfo-insert-@quotation	C-c C-c q
texinfo-insert-@samp	C-c C-c s
texinfo-insert-@table	C-c C-c t
texinfo-insert-@uref	C-c C-c u
texinfo-insert-@var	C-c C-c v
texinfo-insert-@example	С-с С-с х
texinfo-all-menus-update	C-c C-u C-a
texinfo-every-node-update	C-c C-u C-e
texinfo-make-menu	C-c C-u RET
texinfo-update-node	C-c $C-u$ $C-n$
texinfo-master-menu	C-c C-u m
texinfo-format-buffer	C-c C-e C-b
texinfo-format-region	C-c C-e C-r
makeinfo-buffer	C-c RET C-b
kill-compilation	C-c RET C-k
makeinfo-recenter-compilation-buffer	C-c RET C-1
makeinfo-region	C-c RET C-r
ispell-complete-word	M-TAB
texinfo-tex-buffer	C-c C-t C-b
texinfo-delete-from-print-queue	C-c C-t C-d
texinfo-texindex	C-c C-t TAB
tex-kill-job	C-c C-t C-k
tex-recenter-output-buffer	C-c C-t C-l
texinfo-tex-print	C-c C-t C-p
tex-show-print-queue	C-c C-t C-q
texinfo-tex-region	C-c C-t C-r
texinfo-tex-view	C-c C-t C-v
texinfo-quit-job	C-c C-t C-x

Reading Info files

There are two main Info readers: M-x info (C-h i) in GNU Emacs, and the standalone info program. These basic keystrokes are for standalone Info, but most work in Emacs Info as well.

Quit Info altogether. H

Invoke the Info tutorial.

Uр Move up one line.

Move down one line. Down

Scroll backward one screenful. DEL SPC Scroll forward one screenful. Go to the beginning of this node. Home

End Go to the end of this node.

TAB Skip to the next hypertext link.

RET Follow the hypertext link under the cursor. 1 Go back to the last node seen in this window.

Go to the previous node in the document.

Go to the next node in the document.

Go to the previous node on this level.

Go to the next node on this level.

Go up one level.

Go to the top node of this document.

Go to the main 'directory' node.

Pick the first...ninth item in this node's menu.

0 Pick the last item in this node's menu.

Pick a menu item specified by name.

Follow a cross reference specified by name. r

Go to a node specified by name.

Search forward for a specified string.

Search for previous occurrence.

Search for next occurrence.

Search for a specified string in the index, and select the node referenced by the first entry found.

Cancel the current operation. C-g

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