## GNU Texinfo Reference Card

(for Texinfo version 7.0) 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
@settitle name-of-manual

 $\dots$  the contents of the Texinfo document, ending with:  ${\tt @bye}$ 

# 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.

@settitle title Specify document title.

**@copying** Specify copyright and licensing text. Pair with **@end** copying.

@insertcopying Insert text defined by @copying.

#### Internationalization

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

 $\label{eq:commutation} \begin{tabular}{l} \begin{$ 

Ofrenchspacing on off Control spacing after punctuation.

#### 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

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

#### Title pages

 ${\tt @shorttitlepage}\ title$  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.

 $\tt Qtitlefont \{text\}$  In a printed manual, print text in a larger than 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.

Cauthor author Within Ctitlepage, 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.

#### Nodes

Onode name Begin a new node.

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

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

**Cnovalidate** Suppress validation of node references and omit creation of auxiliary files with TpX. Use before **Csetfilename**.

#### Chapter structuring

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

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

**©part** title Print part page, beginning a group of chapters; included in contents.

Numbered, included in contents

**©chapter** title Begin a numbered chapter; title appears in the table of contents.

Context-dependent, included in contents

**©section** title Begin a section within a chapter. Within **@chapter** and **@appendix**, the section is numbered; within **@unnumbered**, it is unnumbered.

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

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

#### Unnumbered, included in contents

 @unnumbered title
 Begin an unnumbered chapter.

 @unnumberedsec title
 Begin an unnumbered section.

 @unnumberedsubsec title
 Begin an unnumbered subsection.

©unnumberedsubsubsec title Begin an unnumbered subsection.

 $Lettered\ and\ numbered,\ included\ in\ contents$ 

@appendix title Begin an appendix.
@appendixsec title Begin an appendix section within an appendix;
@appendixsection is a synonym.

Cappendixsubsectitle Begin an appendix subsection; Cappendixsubsection is a synonym.

Cappendixsubsubsectitle Begin an appendix subsubsection; Cappendixsubsubsection 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.
Csubsubheading 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.

 ${\tt @detailmenu}$  Mark the (optional) detailed node listing in a master menu.

#### Cross references

#### Within the Info system

**@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>@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>

@xrefautomaticsectiontitle on off By default, use the section title instead of the node name in cross references.

#### Outside of Info

 ${\tt Gurl}\ \{url,\ [displayed-text]\ ,\ [replacement]\ \}\ {\tt Make}\ a\ {\tt hyperlink}$  reference to a uniform resource locator.  ${\tt Guref}\ is\ a\ synonym.$ 

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

## Marking text

such as 1s.

#### Markup for regular text

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

<code>@acronym {acronym}</code> Indicate an acronym written in all capital letters, such as 'NASA'.

**@dfn** { term} Indicate the introductory or defining use of a technical term.

 $\mathbb{Q} = \mathbb{Q}$  Emphasize text, by using italics where possible, and enclosing in asterisks in Info.

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

Osub {text} Set text as a subscript.

Osup {text} Set text as a superscript.

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

#### Markup for literal text

**@code** {sample-code} Indicate an expression, a syntactically complete token, or a program name. Unquoted in Info output. **@command** {command-name} Indicate a system command name.

@email {address, [displayed-text] } Indicate an email address.
@env {environment-variable} Indicate an environment variable
name, such as PATH.

**@file** { filename } Indicate the name of a file, buffer, node, directory, etc.

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

 ${\tt Qkbd}\ \{keyboard\text{-}characters\}$  Indicate characters of input to be typed by users.

@key {key-name} Indicate the name of a key on a keyboard.
@option {option-name} Indicate a command-line option, such as
-v and --help.

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

@verb {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{|@ @}|}.

GUI sequences

 $Qarrow \{\}$  Insert a right arrow glvph.  $\rightarrow$ .

Oclicksequence {action Oclick{}} action ...} Represent a sequence of GUI actions or clicks.

Oclick {} Represent a single 'click' in a Oclicksequence.

Oclickstvle Ocmd Execute Ocmd for each Oclick: default is Carrow. Empty braces usually following Card are omitted here.

#### Math

@math {math} Format the given math (inline); \ becomes an escape character, and all plain T<sub>F</sub>X math is available.

@displaymath Create a display math environment. Pair with @end displaymath.

Qminus {} Insert a minus sign, '-'.

Q\ Inside Qmath, insert a math backslash, \.

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

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

Explicit font selection

**@b**{text} Set text in a bold font.

Qi {text} Set text in an italic font.

Or {text} Set text in the regular roman font.

Osansserif {text} Set text in a sans serif font if possible.

Qsc {text} Set text in a small caps font in printed output, and uppercase in Info. No other font command has any effect in Info. Oslanted {text} Set text in a slanted (oblique) font if possible.

Ot {text} Set text in a fixed-width, typewriter-like font.

#### Block environments

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

Ocartouche Highlight a block of text by drawing a box with rounded corners around it. Pair with Qend cartouche. No effect in Info.

@exdent line-of-text Output line-of-text without any indentation. @indent Insert normal paragraph indentation.

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

Normally-filled displays using regular text fonts In these environments, the input is automatically rebroken into lines of output as usual.

Oquotation Fill text, indent on both left and right, retain normal text font. Often used for quoting text. Pair with Qend quotation. Osmallquotation Like Oquotation, but select a smaller (text) font where possible. Pair with @end quotation.

@indentedblock Fill text, indent on left (but not right), retain normal text font. Pair with @end indentedblock.

@smallindentedblock Like @indentedblock, but select a smaller (text) font where possible. Pair with @end smallindentedblock. Oraggedright Leave right end ragged, but otherwise fill text; retain normal text font. Pair with @end raggedright.

Line-for-line displays using regular text fonts In these environments, each line of input is a line of output.

Odisplay Begin displayed text: do not fill, but indent text on left; retain normal text font. Pair with @end display.

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

Oformat Begin formatted text: do not fill, retain normal margins and normal text font. Pair with Cend format.

possible. Pair with @end smallformat.

Offlushleft Left justify lines, leaving the right end ragged: do not fill text, retain normal margins and normal text font. Pair with Qend flushleft.

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

#### Displays using fixed-width fonts

In these environments also, each line of input is a line of output.

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 smaller font. Pair with Cend smallexample.

Clisp Like Cexample, but specifically for an example of Lisp code. 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 Qend 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 @bullet inside the left margin at the beginning of each item. Pair with @end 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 @item. formatting-command is applied to each first column entry. Pair with @end 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.

Omultitable column-width-spec Begin multi-column table; start rows with @item or @headitem. Pair with @end multitable.

Qtab Separate columns in a row of a multitable.

Oitem Begin an item for the list and table commands.

@itemx Used only with @table. Like @item 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.

Qheaditem Used only for multitables. Like Qitem, but indicates a heading row.

**Cheaditemfont** {text} Set text in the heading row font.

Qasis text Prints text as-is; used as formatting-command for tables when no highlighting is desired.

## Floating displays

Ofloat Environment enclosing material which can float. Pair with Qend float.

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

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

Osmallformat Like Oformat, but select a smaller (text) font where Oimage (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} Insert a footnote: text-of-footnote is printed at the bottom of the page by TeX, 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.

Opindex entry Add entry to the index of programs.

Otindex entry Add entry to the index of data types.

Ovindex entry Add entry to the index of variables.

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

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

Osvncodeindex 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).

**@sortas** {key} Specify a string by which to sort an index entry.

## Insertions within a paragraph

Characters special to Texinfo

00. Qatchar{} Insert an at sign, '@'.

O{, Olbracechar{} Insert a left brace, '{'.

0}, Orbracechar{} Insert a right brace, '}'.

@backslashchar {} Insert a typewriter backslash. \.

O&, Campchar{} Insert an ampersand, '&'.

Qcomma {} Insert a comma character: needed only when a literal comma would be an argument separator, as in @xref.

Chashchar {} Insert a hash character, #: needed only when a literal hash would introduce a #line directive.

Owhitespace An O followed by a space, tab, or newline produces a normal, stretchable, interword space.

#### Spacing refinements

- Q: Tell TeX to refrain from inserting extra whitespace after an immediately preceding period, question mark, exclamation mark, or colon, as T<sub>F</sub>X normally would.
- **©.** Insert a period that ends a sentence; typically needed after an end-of-sentence capital letter.
- **Q?** Insert a question mark that ends a sentence.
- **Q!** Insert an exclamation point that ends a sentence.

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

#### Accents

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

Q" c Generate an umlaut, ö.

Q' c Generate an acute accent, ó. Q. c Generate a cedilla accent. c. Q=c Generate a macron accent.  $\bar{o}$ . **@^** c Generate a circumflex (hat) accent, ô. Q'c Generate a grave accent. ó. Q~ c Generate a tilde accent. õ. 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. ô. Qtieaccent {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.

Ov c Generate a check (hacek) accent, ŏ.

#### Non-English characters

QAA {}, Qaa {} Generate uppercase Å and lowercase å. QAE  $\{\}$ , Qae  $\{\}$  Generate uppercase E and lowercase E. QDH {}, Qdh {} Generate uppercase D and lowercase ð. QL {}, Ql {} Generate uppercase Ł and lowercase ł.

QO {}. Qo {} Generate uppercase Ø and lowercase Ø.

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

QTH {}. Qth {} Generate uppercase P and lowercase b.

Qdotless {i|j} Generate dotless 1 and 1.

@exclamdown {} Generate an upside-down exclamation point, i.

Cordf {}. Cordm {} Generate <sup>a</sup> and lowercase <sup>o</sup>.

Questiondown {} Generate an upside-down question mark, ¿. Oss {} Generate the German sharp-S (es-zet) letter, \( \beta \).

#### Other text characters and logos

@LaTeX {} Insert the LATEX logo.

QTeX {} Insert the TeX logo.

**@bullet** {} Insert a large round dot, • ('\*' in Info).

@copyright {} Insert the copyright symbol, ©.

@dots {} Insert an ellipsis, '...'.

Qenddots {} Insert an end-of-sentence ellipsis, '...' (more following space in T<sub>E</sub>X.)

Qeuro {} Insert the Euro currency sign, €.

@guillemetleft{} @guillemetright{} @guillemotleft{} @guillemotright @guilsinglleft{} @guilsinglright{}

@quotedblbase{} @quotedblleft @quotedblright{}

@quoteleft{} @quoteright{} @quotesinglbase{} Insert various quotation marks: « » « » ‹ › " "" ' ',...

Opounds {} Insert the pounds sterling currency sign,  $\mathcal{L}$ .

Oregisteredsymbol {} Insert the registered symbol, (R).

Otextdegree {} Insert the degree symbol, °.

Otoday {} Insert the current date, in '1 Jan 2000' style.

 $QU\{x\}$  Insert Unicode character U+x (hex).

### Glyphs for code examples

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

@error {} Indicate an error message, error .

**@expansion {}** Indicate the result of a macro expansion,  $\mapsto$ . Opoint {} Indicate the position of point in a buffer, ★.

Oprint {} Indicate printed output, ⊢.

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

## Making and preventing breaks

**@\*** Force a line break.

**%** Generates no output, but allows a line break.

**Q-** Insert a discretionary hyphenation point.

Ohyphenation {hy-phen-a-ted words} Explicitly define hyphenation points.

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

Qw {text} Disallow line breaks within text.

#### Vertical space

Ogroup... Cend group In TFX output, disallow page breaks in enclosed text; ignored otherwise.

Oneed 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.

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

 $\mathfrak{Q}$ sp n Skip n blank lines.

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 'Qend defcmdname'.

#### Function-like definitions, untyped

**@deffn**[x] 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.

**@defun[x]** name arguments Format a description for a function: equivalent to '@deffn Function ...'.

Odefmac[x] name arguments Format a description for a macro; equivalent to 'Qdeffn Macro ...'.

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

#### Function-like definitions, typed

Odeftypefn[x] category data-type name arguments Like Odeffn, but for typed entities.

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

#### Variable-like definitions, untyped

Odefvr[x] 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.

**@defvar**[x] name Format a description for a variable; equivalent to '@defvr Variable ...'.

Odefopt[x] name Format a description for a user option; equivalent to '@defvar {User Option} ...'.

#### Variable-like definitions, typed

@deftvpevr[x] category data-type name Like @defvr. but for typed entities.

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

## Type definitions

Odeftp[x] 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, untuped

Qdefcv[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 '@defcv {Instance Variable of} ...'.

Odefmethod[x] class name arguments Format a description for method name; equivalent to '@defop {Method on} ...'.

Odefop[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.

#### Object-oriented entities, typed

Odeftypecv[x] category class datatype name Like Odefcv, but for typed class variables.

Qdeftypeivar[x] class data-type name Like Qdefivar, but for typed instance variables.

Odeftypemethod[x] class data-type name arguments Format a description for a typed method in object-oriented programming: equivalent to '@deftypeop {Method on} ...'.

Odeftypeop[x] category class data-type name arguments Format a description for a typed operation in object-oriented programming.

## Conditionally (in)visible text

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

Oc comment Synonym for Ocomment. DEL also starts a comment. @ignore...@end ignore Text that will not appear in any output.

#### Output formats

@ifdocbook ... @end ifdocbook Texinfo text to appear only in Docbook output.

@ifhtml ... @end ifhtml Text to appear only in HTML output. Cifinfo...Cend ifinfo Text to appear in both Info and (for historical compatibility) plain text output.

@ifplaintext...@end ifplaintext Text to appear only in plain text output.

Ciftex...Cend iftex Text to appear only in the TEX output. @iflatex...@end iflatex Text to appear only in the LaTeX

@ifxml...@end ifxml Text to appear only in XML output.

@ifnotdocbook @ifnothtml @ifnotplaintext @ifnottex @ifnotlatex @ifnotxml...@end ifnotformat Begin text to be ignored in one output format but no others: @ifnothtml text is omitted from HTML output, etc.

@ifnotinfo...@end ifnotinfo Like the other @ifnot... commands, but omit from plain text output as well as Info. @inlinefmt {format, text} Include Texinfo text only in format output.

@inlinefmtifelse {format, then-text, else-text} Include either then-text or else-text according to whether format is output.

#### Raw formatter text

@latex...@end latex Enter LaTeX completely.

Odocbook ... Oend docbook Enter Docbook completely.

Ohtml...Oend html Enter HTML completely.

Otex...Oend tex Enter TFX completely (e.g., \ becomes an escape character).

Oxml... Oend xml Enter XML completely.

Cinlineray { format, text} Include raw text only in format output.

#### Document variables

**©set** name [string] Define the Texinfo variable name, optionally to the value string.

Oclear name Undefine name.

Qvalue {name} Insert the value of name.

 ${\tt @ifset}\ name \ldots {\tt @end}\ ifset\ If\ name\ is\ set,\ format\ enclosed\ text.$ 

@ifclear name ...@end ifclear If name is not set, format enclosed text.

@inlineifset {name, text} If name is set, format text.

@inlineifclear {name, text} If name is not set, format text.

#### Testing for commands

Quifcommanddefined cmd ...Qend ifcommanddefined Text to appear only if Qcmd is defined ...

 $\begin{tabular}{ll} \tt @ifcommandnotdefined $cmd \dots $\tt Qend ifcommandnotdefined $\dots $\tt or not defined. \end{tabular}$ 

txicommandconditionals Texinfo variable predefined to true.

## Defining new Texinfo commands

**Calias** new=existing Make the command **Cnew** a synonym for the existing command **Cexisting**.

@macro macroname {params} ... @end macro Define a new Texinfo
command @macroname.

Qunmacro macroname Undefine Qmacroname if it is defined.

#### File inclusion

**@include** filename Read the contents of Texinfo source file filename.

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

## Formatting and headers/footers for TeX

 ${\tt @allowcodebreaks\ true|false\ Control\ breaks\ at\ -and\ \_in\ TeX;}$  default true.

 ${\tt @finalout}$  Omit large black rectangles at overfull lines in TeX output.

 ${\tt @fonttextsize} \ 10 \ | \ 11$  Change size of main body font in  ${\tt TEX}$ .  ${\tt @microtype} \ on \ | \ off \ Turn \ microtype \ graphy \ on \ or \ off \ in \ {\tt TeX}$ .

#### Paper sizes

The default paper size is US letter-size, 8x11in.

@smallbook Format for a 7x9.25in trim size.

Cafourpaper, Cafivepaper, Chsixpaper Format for  $A4,\,A5$  and B6 paper sizes.

Cafourlatex 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

 $\verb"Qoddfooting" [left] @| [center] @| [right]$ 

**Coddheading** [left] **Collection Collection <b>Collection Collection Collection Collection <b>Collection Collection Collection Collection <b>Collection Collection Collection <b>Collection Collection Collection <b>Collection Collection Collection Collection <b>Collection Collection Collection Collection <b>Collection Collection Collection Collection <b>Collection Collection Collection <b>Collection Collection Collection <b>Collection Collection <b>Collection Collection Collection <b>Collection <b>Collection Collection <b>Collection Collection <b>Collection Collection <b>Collection Collection <b>Collection Collection <b>Collection <b>Collection Collection <b>Collection <b>Collection <b>Collection Collection <b>Collec** 

 $\texttt{@evenfooting} \ [\mathit{left}] \ \texttt{@|} \ [\mathit{center}] \ \texttt{@|} \ [\mathit{right}]$ 

**@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 (merely preferential) settings from the Texinfo document, so users can easily override the defaults when processing the document.

@codequoteundirected on|off Use undirected single quote for ';
default off.

**@codequotebacktick on off** Use backtick (standalone grave accent) for '; default off.

**@deftypefnnewline on | off** Put return type on a line by itself; default off.

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

**@firstparagraphindent insert**|none Indent first paragraphs after section headings, or not.

Oheadings on off | single | double Turn page headings on or off, specify single-sided or double-sided page headings for printing. Okbdinputstyle code | distinct | example Specify font for Okbd: normal Ocode font, a distinct (slanted) typewriter font, or a distinct font only within Oexample and similar.

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

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

@urefbreakstyle after|before|none Specify how @uref should break at special characters; default after.

#### Ending a Texinfo document

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

Finally, this meta-command doesn't fit anywhere else:

Cerrormsg {msg} Report msg as an error.

## 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 work in both.

Quit Info altogether. q ĥ Invoke the Info tutorial. Uр Move up one line. Down Move down one line. Scroll backward one screenful. DEL. SPC Scroll forward one screenful. Home, b Go to the beginning of this node. Go to the end of this node. TAB Skip to the next hypertext link. RET Follow the hypertext link under the cursor. Go back to the last node seen in this window. 1 Γ Go to the previous node in the document. Go to the next node in the document. Go to the previous node on this level. р 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. d 1...9 Pick the first...ninth item in this node's menu. Pick the last item in this node's menu. 0 m Pick a menu item specified by name. Follow a cross reference specified by name. f Go to a node specified by name. Search forward for a specified string. Search for previous occurrence. Search for next occurrence. i Search for a specified string in the index, and select the node referenced by the first entry found. Synthesize menu of matching index entries. Ι

The Texinfo manual is available via info texinfo (and at http://www.gnu.org/software/texinfo/manual).

Cancel the current operation.

C-g

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