

**NAME**

suffixes – list of file suffixes

**DESCRIPTION**

It is customary to indicate the contents of a file with the file suffix, which consists of a period, followed by one or more letters. Many standard utilities, such as compilers, use this to recognize the type of file they are dealing with. The **make**(1) utility is driven by rules based on file suffix.

Following is a list of suffixes which are likely to be found on a Linux system.

Suffix	File type
<i>.v</i>	files for RCS (Revision Control System)
<i>-</i>	backup file
<i>.C</i>	C++ source code, equivalent to <i>.cc</i>
<i>.F</i>	Fortran source with <b>cpp</b> (1) directives or file compressed using freeze
<i>.S</i>	assembler source with <b>cpp</b> (1) directives
<i>.Y</i>	file compressed using yabba
<i>.Z</i>	file compressed using <b>compress</b> (1)
<i>.[0-9]+gf</i>	TeX generic font files
<i>.[0-9]+pk</i>	TeX packed font files
<i>.[1-9]</i>	manual page for the corresponding section
<i>.[1-9][a-z]</i>	manual page for section plus subsection
<i>.a</i>	static object code library
<i>.ad</i>	X application default resource file
<i>.ada</i>	Ada source (may be body, spec, or combination)
<i>.adb</i>	Ada body source
<i>.ads</i>	Ada spec source
<i>.afm</i>	PostScript font metrics
<i>.al</i>	Perl autoload file
<i>.am</i>	<b>automake</b> (1) input file
<i>.arc</i>	<b>arc</b> (1) archive
<i>.arj</i>	<b>arj</b> (1) archive
<i>.asc</i>	PGP ASCII-armored data
<i>.asm</i>	(GNU) assembler source file
<i>.au</i>	Audio sound file
<i>.aux</i>	LaTeX auxiliary file
<i>.avi</i>	(msvideo) movie
<i>.awk</i>	AWK language program
<i>.b</i>	LILO boot loader image
<i>.bak</i>	backup file
<i>.bash</i>	<b>bash</b> (1) shell script
<i>.bb</i>	basic block list data produced by gcc -ftest-coverage
<i>.bbg</i>	basic block graph data produced by gcc -ftest-coverage
<i>.bbl</i>	BibTeX output
<i>.bdf</i>	X font file
<i>.bib</i>	TeX bibliographic database, BibTeX input
<i>.bm</i>	bitmap source
<i>.bmp</i>	bitmap
<i>.bz2</i>	file compressed using <b>bzip2</b> (1)
<i>.c</i>	C source
<i>.cat</i>	message catalog files
<i>.cc</i>	C++ source

<i>.cf</i>	configuration file
<i>.cfg</i>	configuration file
<i>.cgi</i>	WWW content generating script or program
<i>.cls</i>	LaTeX Class definition
<i>.class</i>	Java compiled byte-code
<i>.conf</i>	configuration file
<i>.config</i>	configuration file
<i>.cpp</i>	equivalent to <i>.cc</i>
<i>.csh</i>	<b>csh</b> (1) shell script
<i>.cxx</i>	equivalent to <i>.cc</i>
<i>.dat</i>	data file
<i>.deb</i>	Debian software package
<i>.def</i>	Modula-2 source for definition modules
<i>.def</i>	other definition files
<i>.desc</i>	initial part of mail message unpacked with <b>munpack</b> (1)
<i>.diff</i>	file differences ( <b>diff</b> (1) command output)
<i>.dir</i>	dbm data base directory file
<i>.doc</i>	documentation file
<i>.dsc</i>	Debian Source Control (source package)
<i>.dtx</i>	LaTeX package source file
<i>.dvi</i>	TeX's device independent output
<i>.el</i>	Emacs-Lisp source
<i>.elc</i>	compiled Emacs-Lisp source
<i>.eps</i>	encapsulated PostScript
<i>.exp</i>	Expect source code
<i>.f</i>	Fortran source
<i>.f77</i>	Fortran 77 source
<i>.f90</i>	Fortran 90 source
<i>.fas</i>	precompiled Common-Lisp
<i>.fi</i>	Fortran include files
<i>.fig</i>	FIG image file (used by <b>xfig</b> (1))
<i>.fmt</i>	TeX format file
<i>.gif</i>	Compuserve Graphics Image File format
<i>.gmo</i>	GNU format message catalog
<i>.gsf</i>	Ghostscript fonts
<i>.gz</i>	file compressed using <b>gzip</b> (1)
<i>.h</i>	C or C++ header files
<i>.help</i>	help file
<i>.hf</i>	equivalent to <i>.help</i>
<i>.hlp</i>	equivalent to <i>.help</i>
<i>.htm</i>	poor man's <i>.html</i>
<i>.html</i>	HTML document used with the World Wide Web
<i>.hqx</i>	7-bit encoded Macintosh file
<i>.i</i>	C source after preprocessing
<i>.icon</i>	bitmap source
<i>.idx</i>	reference or datum-index file for hypertext or database system
<i>.image</i>	bitmap source
<i>.in</i>	configuration template, especially for GNU Autoconf
<i>.info</i>	files for the Emacs info browser
<i>.info-[0-9]+</i>	split info files
<i>.ins</i>	LaTeX package install file for docstrip

<i>.itcl</i>	itcl source code; itcl ([incr Tcl]) is an OO extension of tcl
<i>.java</i>	a Java source file
<i>.jpeg</i>	Joint Photographic Experts Group format
<i>.jpg</i>	poor man's <i>.jpeg</i>
<i>.kmap</i>	<b>lyx</b> (1) keymap
<i>.l</i>	equivalent to <i>.lex</i> or <i>.lisp</i>
<i>.lex</i>	<b>lex</b> (1) or <b>flex</b> (1) files
<i>.lha</i>	lharc archive
<i>.lib</i>	Common-Lisp library
<i>.lisp</i>	Lisp source
<i>.ln</i>	files for use with <b>lint</b> (1)
<i>.log</i>	log file, in particular produced by TeX
<i>.lsm</i>	Linux Software Map entry
<i>.lsp</i>	Common-Lisp source
<i>.lzh</i>	lharc archive
<i>.m</i>	Objective-C source code
<i>.m4</i>	<b>m4</b> (1) source
<i>.mac</i>	macro files for various programs
<i>.man</i>	manual page (usually source rather than formatted)
<i>.map</i>	map files for various programs
<i>.me</i>	Nroff source using the me macro package
<i>.mf</i>	Metafont (font generator for TeX) source
<i>.mgp</i>	MagicPoint file
<i>.mm</i>	sources for <b>groff</b> (1) in mm - format
<i>.mo</i>	Message catalog binary file
<i>.mod</i>	Modula-2 source for implementation modules
<i>.mov</i>	(quicktime) movie
<i>.mp</i>	Metapost source
<i>.mp2</i>	MPEG Layer 2 (audio) file
<i>.mp3</i>	MPEG Layer 3 (audio) file
<i>.mpeg</i>	movie file
<i>.o</i>	object file
<i>.old</i>	old or backup file
<i>.orig</i>	backup (original) version of a file, from <b>patch</b> (1)
<i>.out</i>	output file, often executable program (a.out)
<i>.p</i>	Pascal source
<i>.pag</i>	dbm data base data file
<i>.patch</i>	file differences for <b>patch</b> (1)
<i>.pbm</i>	portable bitmap format
<i>.pcf</i>	X11 font files
<i>.pdf</i>	Adobe Portable Data Format (use Acrobat/ <b>acroread</b> or <b>xpdf</b> )
<i>.perl</i>	Perl source (see <i>.ph</i> , <i>.pl</i> and <i>.pm</i> )
<i>.pfa</i>	PostScript font definition files, ASCII format
<i>.pfb</i>	PostScript font definition files, binary format
<i>.pgm</i>	portable greymap format
<i>.pgp</i>	PGP binary data
<i>.ph</i>	Perl header file
<i>.php</i>	PHP program file
<i>.php3</i>	PHP3 program file
<i>.pid</i>	File to store daemon PID (e.g., crond.pid)
<i>.pl</i>	TeX property list file or Perl library file

<i>.pm</i>	Perl module
<i>.png</i>	Portable Network Graphics file
<i>.po</i>	Message catalog source
<i>.pod</i>	<b>perldoc</b> (1) file
<i>.ppm</i>	portable pixmap format
<i>.pr</i>	bitmap source
<i>.ps</i>	PostScript file
<i>.py</i>	Python source
<i>.pyc</i>	compiled python
<i>.qt</i>	quicktime movie
<i>.r</i>	RATFOR source (obsolete)
<i>.rej</i>	patches that <b>patch</b> (1) couldn't apply
<i>.rpm</i>	RPM software package
<i>.rtf</i>	Rich Text Format file
<i>.rules</i>	rules for something
<i>.s</i>	assembler source
<i>.sa</i>	stub libraries for a.out shared libraries
<i>.sc</i>	<b>sc</b> (1) spreadsheet commands
<i>.scm</i>	Scheme source code
<i>.sed</i>	sed source file
<i>.sgml</i>	SGML source file
<i>.sh</i>	<b>sh</b> (1) scripts
<i>.shar</i>	archive created by the <b>shar</b> (1) utility
<i>.so</i>	Shared library or dynamically loadable object
<i>.sql</i>	SQL source
<i>.sqml</i>	SQML schema or query program
<i>.sty</i>	LaTeX style files
<i>.sym</i>	Modula-2 compiled definition modules
<i>.tar</i>	archive created by the <b>tar</b> (1) utility
<i>.tar.Z</i>	tar(1) archive compressed with <b>compress</b> (1)
<i>.tar.bz2</i>	tar(1) archive compressed with <b>bzip2</b> (1)
<i>.tar.gz</i>	tar(1) archive compressed with <b>gzip</b> (1)
<i>.taz</i>	tar(1) archive compressed with <b>compress</b> (1)
<i>.tcl</i>	tcl source code
<i>.tex</i>	TeX or LaTeX source
<i>.texi</i>	equivalent to <i>.texinfo</i>
<i>.texinfo</i>	Texinfo documentation source
<i>.text</i>	text file
<i>.tfm</i>	TeX font metric file
<i>.tgz</i>	tar archive compressed with <b>gzip</b> (1)
<i>.tif</i>	poor man's <i>.tiff</i>
<i>.tiff</i>	Tagged Image File Format
<i>.tk</i>	tcl/tk script
<i>.tmp</i>	temporary file
<i>.tmpl</i>	template files
<i>.txt</i>	equivalent to <i>.text</i>
<i>.uu</i>	equivalent to <i>.uue</i>
<i>.uue</i>	binary file encoded with <b>uuencode</b> (1)
<i>.vf</i>	TeX virtual font file
<i>.vpl</i>	TeX virtual property list file
<i>.w</i>	Silvio Levi's CWEB
<i>.wav</i>	wave sound file
<i>.web</i>	Donald Knuth's WEB

<i>.wml</i>	Source file for Web Meta Language
<i>.xbm</i>	X11 bitmap source
<i>.xcf</i>	GIMP graphic
<i>.xml</i>	eXtended Markup Language file
<i>.xpm</i>	X11 pixmap source
<i>.xs</i>	Perl xsub file produced by h2xs
<i>.xsl</i>	XSL stylesheet
<i>.y</i>	<b>yacc</b> (1) or <b>bison</b> (1) (parser generator) files
<i>.z</i>	File compressed using <b>pack</b> (1) (or an old <b>gzip</b> (1))
<i>.zip</i>	<b>zip</b> (1) archive
<i>.zoo</i>	<b>zoo</b> (1) archive
<i>~</i>	Emacs or <b>patch</b> (1) backup file
<i>rc</i>	startup ('run control') file, e.g., <i>.newsrc</i>

**CONFORMING TO**

General UNIX conventions.

**BUGS**

This list is not exhaustive.

**SEE ALSO**

**file**(1), **make**(1)

**COLOPHON**

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