

NAME

suffixes – list of file suffixes

DESCRIPTION

It is customary to indicate the contents of a file with the file suffix, which (typically) 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
.v	files for RCS (Revision Control System)
-	backup file
.C	C++ source code, equivalent to .cc
.F	Fortran source with cpp (1) directives or file compressed using freeze
.S	assembler source with cpp (1) directives
.Y	file compressed using yabba
.Z	file compressed using compress (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
.a	static object code library
.ad	X application default resource file
.ada	Ada source (may be body, spec, or combination)
.adb	Ada body source
.ads	Ada spec source
.afm	PostScript font metrics
.al	Perl autoload file
.am	automake (1) input file
.arc	arc (1) archive
.arj	arj (1) archive
.asc	PGP ASCII-armored data
.asm	(GNU) assembler source file
.au	Audio sound file
.aux	LaTeX auxiliary file
.avi	(msvideo) movie
.awk	AWK language program
.b	LILO boot loader image
.bak	backup file
.bash	bash (1) shell script
.bb	basic block list data produced by gcc -ftest-coverage
.bbg	basic block graph data produced by gcc -ftest-coverage
.bbl	BibTeX output
.bdf	X font file
.bib	TeX bibliographic database, BibTeX input
.bm	bitmap source
.bmp	bitmap
.bz2	file compressed using bzip2 (1)
.c	C source
.cat	message catalog files
.cc	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>	csh (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 munpack (1)
<i>.diff</i>	file differences (diff (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 xfig (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 gzip (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>.js</i>	JavaScript source code
<i>.kmap</i>	lyx (1) keymap
<i>.l</i>	equivalent to <i>.lex</i> or <i>.lisp</i>
<i>.lex</i>	lex (1) or flex (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 lint (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>	m4 (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 groff (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 patch (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 patch (1)
<i>.pbm</i>	portable bitmap format
<i>.pcf</i>	X11 font files
<i>.pdf</i>	Adobe Portable Data Format (use Acrobat/ acroread or xpdf)
<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., <i>crond.pid</i>)

<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>	perldoc (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 patch (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>	sc (1) spreadsheet commands
<i>.scm</i>	Scheme source code
<i>.sed</i>	sed source file
<i>.sgml</i>	SGML source file
<i>.sh</i>	sh (1) scripts
<i>.shar</i>	archive created by the shar (1) utility
<i>.so</i>	Shared library or dynamically loadable object
<i>.sql</i>	SQL source
<i>.sqml</i>	SQL 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 tar (1) utility
<i>.tar.Z</i>	tar(1) archive compressed with compress (1)
<i>.tar.bz2</i>	tar(1) archive compressed with bzip2 (1)
<i>.tar.gz</i>	tar(1) archive compressed with gzip (1)
<i>.taz</i>	tar(1) archive compressed with compress (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 gzip (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>.ts</i>	TypeScript source code
<i>.txt</i>	equivalent to <i>.text</i>
<i>.uu</i>	equivalent to <i>.uue</i>
<i>.uue</i>	binary file encoded with uuencode (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>	yacc (1) or bison (1) (parser generator) files
<i>.z</i>	File compressed using pack (1) (or an old gzip (1))
<i>.zip</i>	zip (1) archive
<i>.zoo</i>	zoo (1) archive
<i>~</i>	Emacs or patch (1) backup file
<i>rc</i>	startup ('run control') file, e.g., <i>.newsrc</i>

STANDARDS

General UNIX conventions.

BUGS

This list is not exhaustive.

SEE ALSO

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