

Bash Reference Manual

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Bash Features

This text is a brief description of the features that are present in the Bash shell (version 5.2, 19 September 2022). The Bash home page is <http://www.gnu.org/software/bash/>.

This is Edition 5.2, last updated 19 September 2022, of The GNU Bash Reference Manual, for `bash`, Version 5.2.

Bash contains features that appear in other popular shells, and some features that only appear in Bash. Some of the shells that Bash has borrowed concepts from are the Bourne Shell (`sh`), the Korn Shell (`ksh`), and the C-shell (`csh` and its successor, `tcsh`). The following menu breaks the features up into categories, noting which features were inspired by other shells and which are specific to Bash.

This manual is meant as a brief introduction to features found in Bash. The Bash manual page should be used as the definitive reference on shell behavior.

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Bash Reference Manual

Mark G. Sobell



Bash Reference Manual:

Bash Reference Manual Chet Ramey, Brian Fox, 2002 This volume is the official reference manual for GNU Bash the standard GNU command line interpreter Bash Reference Manual - a Gnu Manual Chet Ramey, Brian Fox, 2009-03-20 This manual is the definitive reference for GNU Bash the standard GNU command line interpreter GNU Bash is a complete implementation of the POSIX 2 Bourne shell specification bin sh with additional features from the C shell csh and Korn shell ksh The authors of this manual Chet Ramey and Brian Fox are the original developers of GNU Bash Published under the terms of the GNU Free Documentation License Money raised from the sale of this book supports the development of free software and documentation **Bash 4.3 Reference Manual** Chet Ramey, Brian Fox, 2015-11-06 This manual is the definitive reference for GNU Bash Bash is a command processor that typically runs in a text window where the user types commands that cause actions Bash can also read commands from a file called a script Like all Unix shells it supports filename globbing wildcard matching piping here documents command substitution variables and control structures for condition testing and iteration The keywords syntax and other basic features of the language were all copied from sh Other features e g history were copied from csh and ksh Bash is a POSIX shell but with a number of extensions **Bash Reference Manual** Chet Ramey, Brian Fox, 2016-09-16 Bash is the shell or command language interpreter for the gnu operating system The name is an acronym for the Bourne Again SHell a pun on Stephen Bourne the author of the direct ancestor of the current Unix shell sh which appeared in the Seventh Edition Bell Labs Research version of Unix Bash is largely compatible with sh and incorporates useful features from the Korn shell ksh and the C shell csh It is intended to be a conformant implementation of the ieee posix Shell and Tools portion of the ieee posix specification ieee Standard 1003.1 It offers functional improvements over sh for both interactive and programming use While the gnu operating system provides other shells including a version of csh Bash is the default shell Like other gnu software Bash is quite portable It currently runs on nearly every version of Unix and a few other operating systems This manual is available online for free at gnu.org This manual is printed in grayscale

GNU Bash Reference Manual Chet Ramey, Brian Fox, 2006 Bash Cookbook Carl Albing, JP Vossen, 2017-10-04 For system administrators programmers and end users shell command or carefully crafted shell script can save you time and effort or facilitate consistency and repeatability for a variety of common tasks This cookbook provides more than 300 practical recipes for using bash the popular Unix shell that enables you to harness and customize the power of any Unix or Linux system Ideal for new and experienced users alike including proficient Windows users and sysadmins this updated second edition helps you solve a wide range of problems You ll learn ways to handle input output file manipulation program execution administrative tasks and many other challenges Each recipe includes one or more scripting examples and a discussion of why the solution works You ll find recipes for problems including Standard output and input and executing commands Shell variables shell logic and arithmetic Intermediate shell tools and advanced scripting Searching for files with

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