

Bash Cheat Sheet

by Team Try Bash via <http://trybash.github.io/>

File Navigation		File Manipulation		Redirection & Pipelining	
ls	lists the contents of directory	mkdir dir1	creates new directory	cat file	displays content of file in the console
ls -a	lists all contents, even hidden	mkdir dir1 dir2	create directory, or several at once.	cat doc1 > doc2	performs like a copy, using redirection operator
ls -h	lists contents in human-friendly units	cp origFile newDes	copy file to new destination	cat doc1 » doc2	appends doc1 to end of doc2
ls -l	displays permissions, links, owners, etc.	cp doc1 doc2 new	like mkdir, can copy many files at once to a destination	ls -l /user/home > home.txt	lists contents of home to home.txt
ls -m	displays content in single line, separated by comma	cp -i origFile new	interactive mode, ensures no overwrite	sort file1	sorts the contents of file1 line-by-line
ls -R	lists content recursively, e.g. including content from directory	cp doc* dir	*wildcard copies all files that start with doc into dir	sort file1 > sorted	sorted file1 content saved to sorted
ls -t	sorts entries by time	cp file*.jpg new	copies all jpg's that start with file into new	uniq file1	filters out duplicate lines from file1
ls -l	forces single column output	cp -R dir1 dir2	copies contents of directory 1 to directory 2	ls sort	pipelining, first lists then sorts
pwd	shows the current working directory with full path	mv origFile newLoc	moves file to new location	ls /home -a sort uniq	all unique items in home dir
cd ..	changes directory, cd .. changes to previous directory	mv doc1 doc2 new	we can move multiple files to new location	wc file1	word, line, and byte count of file1
cd d<TAB>	tab will auto-fill, IF there is a unambiguous match	mv -n doc1	does not overwrite existing file	wc -l file1	returns lines in file1
cd ~/dir	regardless of current working dir, use will change to ~/dir	rm -R	used to delete a directory	grep	process text line-by-line and prints any matching patterns
General Utility		rm doc1	deletes a file	ls dir1 grep "zip"	shows all zip files in our dir1 path
clear	clears the console, same as ctrl-L	rmdir dirName	also removes a directory	grep -c "Error" log.txt	returns number of Error in log.txt
history	shows complete list of previously executed commands	rm doc1 doc2	delete multiple docs at once	grep -i Error log	case insensitive search for Error in log
echo text	displays text to the console				
echo \$HOME	displays contents of the home directory				
head file1	displays first ten lines of file1				
tail file1	displays last 10 lines of file1				

Try Bash

Team Try Bash
<http://trybash.github.io/>

Cheat Sheet

Published 23th July, 2016.
 Page 1 of 1.

Sponsor

www.htw-berlin.de