Bash

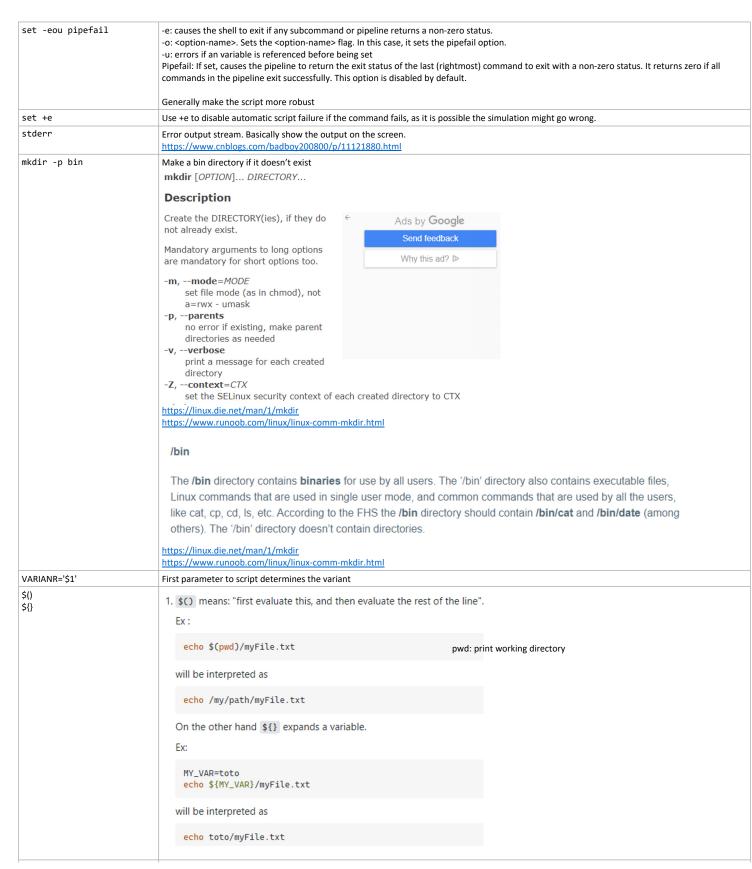
2021年10月29日 15:54

Bash Cheatsheet

https://devhints.io/bash

Special Characters in Bash

https://www.howtogeek.com/439199/15-special-characters-you-need-to-know-for-bash/



chmod +x ... The man page of chmod covers that. chmod u+x ... • *u* stands for user. • g stands for group. • o stands for others. • a stands for all. That means that chmod u+x somefile will grant only the owner of that file execution permissions whereas chmod +x somefile is the same as chmod a+x somefile. The chmod man page says: The format of a symbolic mode is [ugoa...][[+-=][rwxXstugo...]...] [,...] . Multiple symbolic operations can be given, separated by commas. A combination of the letters 'ugoa' controls which users' access to the file will be changed: the user who owns it (u), other users in the file's group (g), other users not in the file's group (o), or all users (a). If none of these are given, the effect is as if 'a' were given, but bits that are set in the umask are not affected. Just doing +x will apply it to all flags: [u]ser, [g]roup, [o]thers. cat 1. Create file cat > example.txt 2. Read file cat example.txt Hold variable ThisDistro=Ubuntu MyNumber=2001 echo \$ThisDistro echo \$MyNumber basename The basename command removes any trailing / characters: \$ basename /usr/local/ \$ basename /usr/local Both commands will produce the same output: Output local local 2. Removing a Trailing Suffix To remove any trailing suffix from the file name, pass the suffix as a second argument: \$ basename -s .conf /etc/sysctl.conf

	<pre>\$ basename -s .conf /etc/sysctl.conf</pre>
	Output
	sysctl
	3,500
echo <&2	0 - stdin 1 - stdout 2 - stderr echo "hey" >&2
	> redirect standard output (implicit 1>)
	what comes next is a file descriptor, not a file (only for right hand side of >)
	2 stderr file descriptor number
	https://stackoverflow.com/questions/23489934/echo-2-some-text-what-does-it-mean-in-shell-scripting
	https://unix.stackexchange.com/questions/223086/must-i-add-2-in-the-end-of-echo-command
-ne	Not eqaul to
sed	SED command in UNIX is stands for stream editor and it can perform lot's of function on file like, searching, find and
	replace, insertion or deletion. Though most common use of SED command in UNIX is for substitution or for find and
	replace. By using SED you can edit files even without opening it, which is much quicker way to find and replace
	something in file, than first opening that file in VI Editor and then changing it.
	https://www.geeksforgeeks.org/sed-command-in-linux-unix-with-examples/
diff	diff is a command-line utility that allows you to compare two files line by line. It can
	also compare the contents of directories. 2019年11月25日