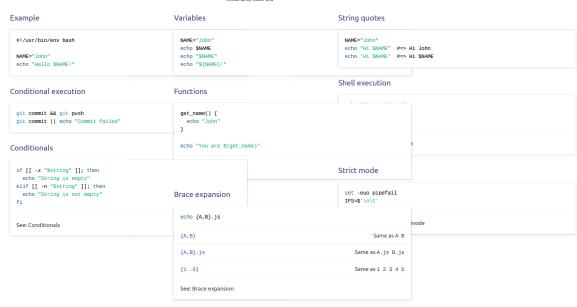
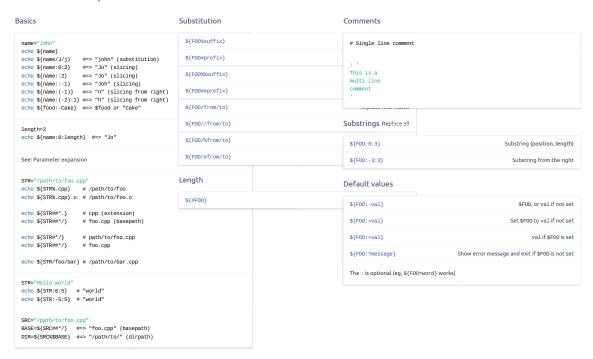
DEVHINTS.IO Edit

Bash scripting cheatsheet

Daily 2.0 We've just launched a new version of the most popular dev news curator



Parameter expansions

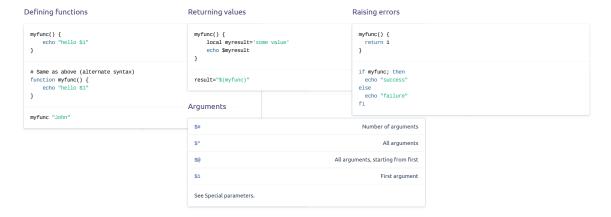


Loops

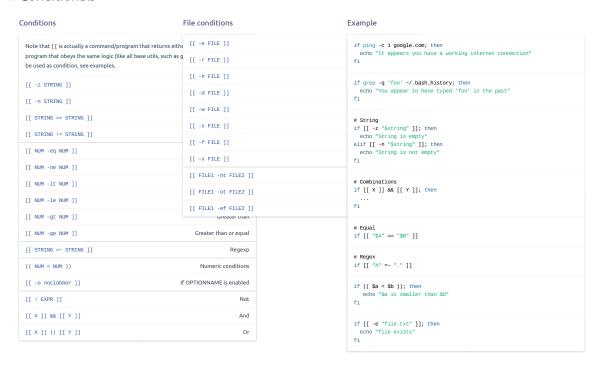
Basic for loop	C-like for loop	Ranges
for i in /etc/rc.*; do	for ((i = 0 ; i < 100 ; i++)); do	for i in {15}; do



Functions



Conditionals



Arrays

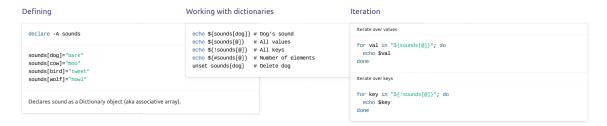
```
Defining arrays

Working with arrays

echo ${Fruits[0]} # Element #0
echo ${Fruits[0]} # All elements, space-separated
echo ${Fruits[0]} # All elements, space-separated
echo ${Fruits[1]="Banana"} # String length of the 1st element
echo ${Fruits[2]="Orange"} # String length of the Nth element
echo ${Fruits[3]} # String length of the Nth element
echo ${Fruits[3]} # String length of the Nth element
echo ${Fruits[0]:3:2} # Range (from position 3, length 2)
```

```
Fruits=("${Fruits[@]}" "Watermelon") # Push
Fruits=("\hatermelon") # Also Push
Fruits=("\fruits[@]/\rho"/") # Remove by regex match
unset Fruits[2] # Remove one item
Fruits=("\fruits[@]") # Duplicate
Fruits=("\fruits[@]") "$(veggies[@])" # Concatenate
lines=('cat "logfile") # Read from file
```

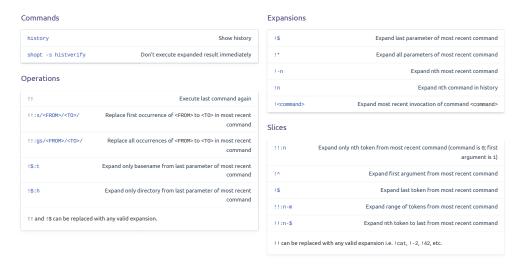
Dictionaries



Options



History



Miscellaneous

```
Numeric calculations

Subshells

(cd somedir; echo "I'm now in SPMO")
pwd # still in first directory

Redirection

Inspecting commands

command -V cd
#=> "cd is a function/alias/whatever"

Subshells

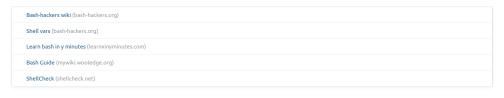
(cd somedir; echo "I'm now in SPMO")
pwd # still in first directory

Redirection

python hello.py > output.txt # stdout to (file)
python hello.py >> output.txt # stdout to (file)
```



Also see



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