Cheatography

Bash comparison options Cheat Sheet

by respi (respi) via cheatography.com/19521/cs/2526/

Test options	
-b file	True if file is a **Block special device**
-c file	True if file is a **Character special device**
-d file	True if file is a **Directory**
-e file	True if file **Exists**
-g file	True if file has its **set-group-id bit set**
-G file	True if file is **owned by the current effective group id**
-k file	True if file has its **"sticky" bit set**
-L file	True if file is a **symbolic Link**
-O file	True if file is **owned by the current effective user id**
-p file	True if file is a named **Pipe**
-r file	True if file is **readable**
-S file	True if file is a **Socket**
-s file	True if file has a **Size greater than zero**
-t [FD]	True if FD is **opened on a terminal**. If FD is omitted, it defaults to 1 (standard output)
-u file	True if file has its **set-user-id bit set**
-w file	True if file is **writable**
-x file	True if file is **executable**
file1 -ef file2	True if **file1 and file2 have the same device and inode numbers**, i.e., if they are hard links to each other

File age	
file1 -nt file2	True if **file1 is newer than file2**
file1 -ot file2	True if **file1 is older than file2**

String tests	
-z String	True if the **length of String is zero**
-n String	True if the **length of String is nonzero**
String1 = String2	True if the **strings are equal**
String1 != String2	True if the **strings are not equal**

Numeric tests	
ARG1 -eq ARG2	True if **ARG1 is equal ARG2**
ARG1 -ne ARG2	True if **ARG1 is not-equal ARG2**
ARG1 -lt ARG2	True if **ARG1 is less-than ARG2**
ARG1 -le ARG2	True if **ARG1 is less-than-or-equal ARG2**
ARG1 -gt ARG2	True if **ARG1 is greater-than ARG2**
ARG1 -ge ARG2	True if **ARG1 is greater-than-or-equal ARG2**

By **respi** (respi)
cheatography.com/respi/

Published 8th September, 2014.
Last updated 10th May, 2016.

Sponsored by **CrosswordCheats.com**
Learn to solve cryptic crosswords!
http://crosswordcheats.com