

### Test options

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

### File age

file1 -nt file2	True if <b>file1 is newer than file2</b>
file1 -ot file2	True if <b>file1 is older than file2</b>

### String tests

-z String	True if the <b>length of String is zero</b>
-n String	True if the <b>length of String is nonzero</b>
String1 = String2	True if the <b>strings are equal</b>
String1 != String2	True if the <b>strings are not equal</b>

### Numeric tests

ARG1 -eq ARG2	True if <b>ARG1 is equal ARG2</b>
ARG1 -ne ARG2	True if <b>ARG1 is not-equal ARG2</b>
ARG1 -lt ARG2	True if <b>ARG1 is less-than ARG2</b>
ARG1 -le ARG2	True if <b>ARG1 is less-than-or-equal ARG2</b>
ARG1 -gt ARG2	True if <b>ARG1 is greater-than ARG2</b>
ARG1 -ge ARG2	True if <b>ARG1 is greater-than-or-equal ARG2</b>



By **respi** (respi)  
[cheatography.com/respi/](https://cheatography.com/respi/)

Published 8th September, 2014.  
 Last updated 10th May, 2016.  
 Page 1 of 1.

Sponsored by **Readable.com**  
 Measure your website readability!  
<https://readable.com>