

File tests and their meanings

File test Meaning

-r	File or directory is readable by this (effective) user or group
-w	File or directory is writable by this (effective) user or group
-x	File or directory is executable by this (effective) user or group
-o	File or directory is owned by this (effective) user
-R	File or directory is readable by this real user or group
-W	File or directory is writable by this real user or group
-X	File or directory is executable by this real user or group
-O	File or directory is owned by this real user
-e	File or directory name exists
-z	File exists and has zero size (always false for directories)
-s	File or directory exists and has nonzero size (the value is the size in bytes)
-f	Entry is a plain file
-d	Entry is a directory
-l	Entry is a symbolic link
-S	Entry is a socket
-p	Entry is a named pipe (a "fifo")
-b	Entry is a block-special file (like a mountable disk)
-c	Entry is a character-special file (like an I/O device)
-u	File or directory is setuid
-g	File or directory is setgid
-k	File or directory has the sticky bit set
-t	The filehandle is a TTY (as reported by the <code>isatty()</code> system function; filenames can't be tested by this test)
-T	File looks like a "text" file
-B	File looks like a "binary" file
-M	Modification age (measured in days)
-A	Access age (measured in days)
-C	Inode-modification age (measured in days)