

PERL STAT FUNCTION

http://www.tutorialspoint.com/perl/perl_stat.htm

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Description

This function returns a 13-element array giving the status info for a file, specified by either FILEHANDLE, EXPR, or \$_. The list of values returned is shown below in Table. If used in a scalar context, returns 0 on failure, 1 on success.

Note that support for some of these elements is system dependent. check the documentation for a complete list.

Element	Description
0	Device number of file system
1	Inode number
2	File mode (type and permissions)
3	Number of (hard) links to the file
4	Numeric user ID of file's owner
5	Numeric group ID of file's owner
6	The device identifier (special files only)
7	File size, in bytes
8	Last access time since the epoch
9	Last modify time since the epoch
10	Inode change time (not creation time!) since the epoch
11	Preferred block size for file system I/O
12	Actual number of blocks allocated

Syntax

Following is the simple syntax for this function –

```
stat FILEHANDLE  
  
stat EXPR  
  
stat
```

Return Value

This function returns ARRAY,
\$device, \$inode, \$mode, \$nlink, \$uid, \$gid, \$rdev, \$size, \$atime, \$mtime, \$ctime, \$blksize, \$blocks

Example

Following is the example code showing its basic usage –

```
#!/usr/bin/perl -w  
  
($device, $inode, $mode, $nlink, $uid, $gid, $rdev, $size,  
 $atime, $mtime, $ctime, $blksize, $blocks) =  
    stat("/etc/passwd");  
  
print("stat() $device, $inode, $ctime\n");
```

When above code is executed, it produces the following result –

```
stat() 147 20212116 1177004582  
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```