

attrib

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Archived: 2026-04-05 20:44:48 UTC

Displays, sets, or removes attributes assigned to files or directories. If used without parameters, **attrib** displays attributes of all files in the current directory.

```
attrib [{+|-}r] [{+|-}a] [{+|-}s] [{+|-}h] [{+|-}o] [{+|-}i] [{+|-}x] [{+|-}p] [{+|-}u] [{+|-}b] [<drive>:][<path>] [<filename>]
```

Parameter	Description
{+ -}r	Sets (+) or clears (-) the Read-only file attribute.
{+ -}a	Sets (+) or clears (-) the Archive file attribute. This attribute set marks files that have changed since the last time they were backed up. The xcopy command uses archive attributes.
{+ -}s	Sets (+) or clears (-) the System file attribute. If a file uses this attribute set, you must clear the attribute before you can change any other attributes for the file.
{+ -}h	Sets (+) or clears (-) the Hidden file attribute. If a file uses this attribute set, you must clear the attribute before you can change any other attributes for the file.
{+ -}o	Sets (+) or clears (-) the Offline file attribute.
{+ -}i	Sets (+) or clears (-) the Not Content Indexed file attribute.
{+ -}x	Sets (+) or clears (-) the Scrub file attribute.
{+ -}p	Sets (+) or clears (-) the Pinned file attribute.
{+ -}u	Sets (+) or clears (-) the Unpinned file attribute.
{+ -}b	Sets (+) or clears (-) the SMR Blob file attribute.
<drive>: [<path>] <filename>	Specifies the location and name of the directory, file, or group of files that you want to view or change attributes. You can use the ? and * wildcard characters in the <i>filename</i> parameter to display or change the attributes for a group of files.
/s	Applies attrib and any command-line options to matching files in the current directory and all of its subdirectories.
/d	Applies attrib and any command-line options to directories.

Parameter	Description
/I	Applies attrib and any command-line options to the Symbolic Link, rather than the target of the Symbolic Link.
/?	Displays help at the command prompt.

To display the attributes of a file named News86 that is located in the current directory, type:

```
attrib news86
```

To assign the Read-only attribute to the file named report.txt, type:

```
attrib +r report.txt
```

To remove the Read-only attribute from files in the public directory and its subdirectories on a disk in drive b:, type:

```
attrib -r b:\public\*. * /s
```

To set the Archive attribute for all files on drive a:, and then clear the Archive attribute for files with the .bak extension, type:

```
attrib +a a:*. * & attrib -a a:*.bak
```

- [Command-Line Syntax Key](#)
- [xcopy command](#)

Source: <https://learn.microsoft.com/en-us/windows-server/administration/windows-commands/attrib>