

NAME

ntfstruncate – truncate a file on an NTFS volume

SYNOPSIS

ntfstruncate [*options*] *device file* [*attr-type* [*attr-name*]] *new-length*

DESCRIPTION

ntfstruncate truncates (or extends) a specified attribute belonging to a file or directory, to a specified length.

OPTIONS

Below is a summary of all the options that **ntfstruncate** accepts. Nearly all options have two equivalent names. The short name is preceded by **-** and the long name is preceded by **--**. Any single letter options, that don't take an argument, can be combined into a single command, e.g. **-fv** is equivalent to **-f -v**. Long named options can be abbreviated to any unique prefix of their name.

-f, --force

This will override some sensible defaults, such as not using a mounted volume. Use this option with caution.

-h, --help

Show a list of options with a brief description of each one.

-l

Display licensing information.

-n, --no-action

Simulate the truncation without actually write to device.

-q, --quiet

Suppress some debug/warning/error messages.

-v, --verbose

Display more debug/warning/error messages.

-V, --version

Show the version number, copyright and license of **ntfstruncate**.

attr-type

Define a particular attribute type to be truncated (advanced use only). By default, the unnamed \$DATA attribute (the contents of a plain file) will be truncated. The attribute has to be specified by a number in decimal or hexadecimal :

Hex	Decimal	Name
0x10	16	"\$STANDARD_INFORMATION"
0x20	32	"\$ATTRIBUTE_LIST"
0x30	48	"\$FILE_NAME"
0x40	64	"\$OBJECT_ID"
0x50	80	"\$SECURITY_DESCRIPTOR"
0x60	96	"\$VOLUME_NAME"
0x70	112	"\$VOLUME_INFORMATION"
0x80	128	"\$DATA"
0x90	144	"\$INDEX_ROOT"
0xA0	160	"\$INDEX_ALLOCATION"
0xB0	176	"\$BITMAP"
0xC0	192	"\$REPARSE_POINT"
0xD0	208	"\$EA_INFORMATION"
0xE0	224	"\$EA"
0xF0	240	"\$PROPERTY_SET"
0x100	256	"\$LOGGED_UTILITY_STREAM"

attr-name

Define the name of the particular attribute type to be truncated (advanced use only).

new-length

Specify the target size of the file. It will be rounded up to a multiple of the cluster size. A suffix of K, M, G, T, P or E may be appended to mean a multiplicative factor of a power of 1000. Similarly a suffix of Ki, Mi, Gi, Ti, Pi or Ei may be appended to mean a multiplicative factor of a power of 1024.

EXAMPLES

Resize to 100MB the file database.db located in the Data directory which is at the root of an NTFS file system.

```
ntfstruncate /dev/sda1 Data/database.db 100M
```

BUGS

There are no known problems with **ntfstruncate**. If you find a bug, please send an email describing the problem to the development team:

`ntfs-3g-devel@lists.sf.net`

AUTHORS

ntfstruncate was written by Anton Altaparmakov.

AVAILABILITY

ntfstruncate is part of the **ntfs-3g** package and is available from:

<http://www.tuxera.com/community/>

SEE ALSO

ntfs-3g(8), **ntfsfallocate(8)**, **ntfsprogs(8)**.