

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)**.