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Rocky Enterprise Linux 9.2 Manual Pages on command 'ntfstruncate.8'

\$ man ntfstruncate.8

NTFSTRUNCATE(8) System Manager's Manual NTFSTRUNCATE(8)

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_UTILILITY_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:

<https://github.com/tuxera/ntfs-3g/wiki/>

SEE ALSO

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

ntfs-3g 2021.8.22

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