

NAME

wrestool – extract resources from Microsoft Windows(R) binaries

SYNOPSIS

wrestool [*OPTIONS*]... [*FILE*]...

DESCRIPTION

This manual page documents briefly the **wrestool** command. This manual page was written for the Debian GNU distribution because the original program does not have a manual page.

Wrestool reads 16- or 32-bit Microsoft Windows(R) binaries and lists or extracts the resources they contain. Some resources require processing before they can be written to files; wrestool is able to do this with icon and cursor resources.

Filters, specified as command line options, control what resources to extract.

OPTIONS

These programs follow the usual GNU command line syntax, with long options starting with two dashes ('-').

-x, --extract

Extract resources. (By default, resources will be extracted to standard out if **--output** was not specified.)

-l, --list

Output list of resources (default).

-t, --type=[+|-]ID

Resource type identifier of affected resources. If preceded with a dash ("-"), id must be numeric; if preceded with a plus sign ("+"), id must be a string.

The type ID may also be the name of a resource type. (If this is the case, a leading dash or plus sign may not be included.) A list of resource types can be found in the "Resource Types" section.

-n, --name=[+|-]ID

Resource name identifier of affected resources. Like the **--type** option, a leading dash or plus sign controls the datatype of the id.

-L, --language=[+|-]ID

Resource language identifier. Has no effect when processing 16-bit libraries.

-a, --all

Perform operation on all resource (default).

-o, --output=PATH

Where to place extracted resources. If "PATH" does not refer to an existing directory, and does not end with a slash ("/"), all output will be written to the file "PATH". (This means that if you extract multiple resources, PATH will contain the last resource only.)

-R, --raw

Do not parse resource contents - extract raw data. (This option will probably be replaced with **--format=raw** in future version of icoutils.)

-v, --verbose

Explain what is being done. The verbose option may be specified more than once, like **--vv**, to make wrestool even more verbose.

--help Display a help message and exit.

--version

Output version information and exit.

RESOURCE TYPES

The wrestool program recognizes the resource types listed below. The ids of these resources are always numeric and not strings.

cursor (1)

A single cursor bitmap image. Read as part of group_cursor resources.

bitmap (2)

A bitmap image.

icon (3)

A single icon bitmap image. Read as part of group_icon resources. This resource is similar to cursor resources; cursors contain four additional bytes of hotspot coordinates.

menu (4)

Resources for menus (in popup and menubars). Currently wrestool does not support this resource type.

dialog (5)

Definitions (widgets with locations) for dialog boxes. Currently wrestool does not support this resource type.

string (6)

The string table resource, containing a number of unicode strings. Currently wrestool does not support this resource type.

fontdir (7)

The font directory, containing information on a number of font resources (8). Non-TTF font (.FON) files are actually libraries with resources in them. Currently wrestool does not support this resource type.

font (8)

A single font - the contents of a .FNT file. Read as part of fontdir resources. Currently wrestool does not support this resource type.

accelerator (9)

Keyboard accelerator tables. Currently wrestool does not support this resource type.

rcdata (10)

Arbitrary resource data, user-defined. There are no restrictions to the format of these resources.

messagelist (11)

Not supported.

group_cursor (12)

A set of cursors. With a few modifications (and with cursor resources), this resource can be extracted as a .CUR file.

group_icon (14)

A set of icons. With a few modifications (and with icons resources), this resource can be extracted as a .ICO file.

version (16)

Version information, stored as binary data. Could be extracted without modifications, but the data is of probably little use. Currently wrestool does not support this resource type.

dlginclude (17)

Not supported.

plugplay (19)

Not supported.

vxd (20)

Not supported.

anicursor (21)

Animated cursors. Currently wrestool does not support animated cursor or icons, nor does icotool.

aniicon (22)

Animated icons. I have only seen these in Windows(R) 3.x. Currently wrestool does not support animated cursor or icons, nor does icotool.

EXAMPLES

List all resources in file 'write.exe':

```
$ wrestool -l write.exe
--type=3 --name=1 --lang=1033 [type=icon offset=0x3120 size=752]
--type=3 --name=2 --lang=1033 [type=icon offset=0x3410 size=304]
--type=14 --name=1 --lang=1033 [type=group_icon offset=0x3540 size=34]
--type=16 --name=1 --lang=1033 [type=version offset=0x3564 size=808]
```

List all (group-) icon resource in file 'write.exe':

```
$ wrestool -l --type=group_icon write.exe
--type=14 --name=1 --lang=1033 [type=group_icon offset=0x3540 size=34]
```

Extract all icons to current directory, naming the destination files 'write.exe_T_N.ico':

```
$ wrestool -x --output=. -t14 write.exe
$ ls *.ico
write.exe_14_1.ico
```

SEE ALSO

extresso(1), **genresscript(1)**, **icotool(1)**.

AUTHOR

This manual page was written by Colin Watson <cjwatson@debian.org> for the Debian GNU system (but may be used by others). It was later modified by Oskar Liljeblad <oskar@osk.mine.nu>.

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