

NAME

`ttfdump` – Dumping the contents of a TrueType Font file

SYNOPSIS

ttfdump [**-h**] [**-t** *tablename*] [**-g** *glyphnumber*] [**-c** *collection*] [**-o** *dumpfile*] [**-i**] *ttfile*

DESCRIPTION

ttfdump dumps the contents of a TrueType font file in ASCII form. A TrueType font file is consist of various tables. Those table are divided into two categories - *Required Tables* and *Optional Tables*. Multitple TrueType fonts can be merged to a TrueType Collection.

Options

-h Print a help message on standard output and exit.

-t *tablename*

If this option is specified then dump the table "*tablename*", otherwise dump every tables in *ttfile*. *Tablename* can be one of the following:

Required Tables

| | |
|-------------|-----------------------------------|
| <i>cmap</i> | character to glyph mapping table |
| <i>glyf</i> | glyph data |
| <i>head</i> | font header |
| <i>hhea</i> | horizontal header |
| <i>hmtx</i> | horizontal metrics |
| <i>loca</i> | index to location |
| <i>maxp</i> | maximum profile |
| <i>name</i> | naming table |
| <i>post</i> | PostScript information |
| <i>OS/2</i> | OS/2 and windows specific metrics |

Optional Tables

| | |
|-------------|--|
| <i>cvt</i> | control value table |
| <i>fpgm</i> | font program; <i>not implemented yet</i> . |
| <i>gasp</i> | grid-fitting and scan conversion procedure (grayscale) |
| <i>hdmx</i> | horizontal device metrics |
| <i>kern</i> | kerning table |
| <i>LTSH</i> | Linear threshold table |
| <i>prep</i> | CVT program; <i>not implemented yet</i> |
| <i>PCLT</i> | PCL5 table |
| <i>VDMX</i> | Vertical Device Metrics table |
| <i>vhea</i> | vertical metrics header |
| <i>vmtx</i> | vertical metrics |

Additional OpenType Tables

GPOS glyph positioning table

GSUB glyph substitution table

-g *glyphnumber*

If this option is specified then dump the glyph with index *glyphnumber*, otherwise dump all glyphs in *ttfile*.

-c *collection*

Select a TrueType font in a TrueType Collection.

-o *dumpfile*

Output of the dump. If this option is not specified, dump to stdout.

-i *ttfile* TrueType font file to be dumped.

EXAMPLE

To dump all information in the TrueType font file *times.ttf*:
ttfdump *times.ttf*

To dump the required table *cmap* in the file:
ttfdump -t *cmap times.ttf*

To dump a single glyph with index 50:
ttfdump -g 50 *times.ttf*

SEE ALSO

TrueType 1.0 Font Files, *Technical Specification Revision 1.66 November 1995*

NOTE

Instruction disassembler is not implemented.

AUTHOR

Li-Da Lho, ollie@ms1.hinet.net