

**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>fp<del>gm</del></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