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. Mulitiple 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

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

Optional Tables

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

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