

NAME

Font::TTF::Ttc – TrueType Collection class

DESCRIPTION

A TrueType collection is a collection of TrueType fonts in one file in which tables may be shared between different directories. In order to support this, the TTC introduces the concept of a table being shared by different TrueType fonts. This begs the question of what should happen to the 'PARENT' property of a particular table. It is made to point to the first directory object which refers to it. It is therefore up to the application to sort out any confusion. Confusion only occurs if shared tables require access to non-shared tables. This should not happen since the shared tables are dealing with glyph information only and the private tables are dealing with encoding and glyph identification. Thus the general direction is from identification to glyph and not the other way around (at least not without knowledge of the particular context).

INSTANCE VARIABLES

The following instance variables are preceded by a space

fname (P)

Filename for this TrueType Collection

INFILE (P)

The filehandle of this collection

The following instance variable does not start with a space

directs

An array of directories (Font::TTF::Font objects) for each sub-font in the directory

METHODS

Font::TTF::Ttc->open(\$fname)

Opens and reads the given filename as a TrueType Collection. Reading a collection involves reading each of the directories which go to make up the collection.

\$c->read

Reads a Collection by reading all the directories in the collection

\$c->find(\$direct, \$name, \$check, \$off, \$len)

Hunts around to see if a table with the given characteristics of name, checksum, offset and length has been associated with a directory earlier in the list. Actually on checks the offset since no two tables can share the same offset in a TrueType font, collection or otherwise.

\$c->DESTROY

Closes any opened files by us

BUGS

No known bugs, but then not ever executed!

AUTHOR

Martin Hosken <<http://scripts.sil.org/FontUtils>>.

LICENSING

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