NAME

Font::TTF::Dumper − Debug dump of a font datastructure, avoiding recursion on ' PARENT'

SYNOPSIS

```
use Font::TTF::Dumper;

# Print a table from the font structure:
print ttfdump($font->{$tag});

# Print font table with name
print ttfdump($font->{'head'}, 'head');

# Print font table with name and other options
print ttfdump($font->{'head'}, 'head', %opts);

# Print one glyph's data:
print ttfdump($font->{'loca'}->read->{'glyphs'}[$gid], "glyph_$gid");
```

DESCRIPTION

Font::TTF data structures are trees created from hashes and arrays. When trying to figure out how the structures work, sometimes it is helpful to use Data::Dumper on them. However, many of the object structures have ' PARENT' links that refer back to the object's parent, which means that Data::Dumper ends up dumping the whole font no matter what.

The main purpose of this module is to invoke Data::Dumper with a filter that skips over the ' PARENT' element of any hash.

To reduce output further, this module also skips over ' CACHE' elements and any hash element whose value is a Font::TTF::Glyph or Font::TTF::Font object. (Really should make this configurable.)

If $opts{'d'}, then set Deepcopy mode to minimize use of crossreferencing.

AUTHOR

Bob Hallissy <http://scripts.sil.org/FontUtils>.

LICENSING

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