

**NAME**

Font::TTF::OldCmap – Character map table

This module is deprecated

**DESCRIPTION**

Looks after the character map. The primary structure used for handling a cmap is the Font::TTF::Segarr which handles the segmented arrays of format 4 tables, and in a simpler form for format 0 tables.

Due to the complexity of working with segmented arrays, most of the handling of such arrays is via methods rather than via instance variables.

One important feature of a format 4 table is that it always contains a segment with a final address of 0xFFFF. If you are creating a table from scratch this is important (although Font::TTF::Segarr can work quite happily without it).

**INSTANCE VARIABLES**

The instance variables listed here are not preceded by a space due to their emulating structural information in the font.

Num

Number of subtables in this table

Tables

An array of subtables ([0..Num-1])

Each subtables also has its own instance variables which are, again, not preceded by a space.

Platform

The platform number for this subtable

Encoding

The encoding number for this subtable

Format

Gives the stored format of this subtable

Ver Gives the version (or language) information for this subtable

val This points to a Font::TTF::Segarr which contains the content of the particular subtable.

**METHODS**

`$t->read`

Reads the cmap into memory. Format 4 subtables read the whole subtable and fill in the segmented array accordingly.

Format 2 subtables are not read at all.

`$t->ms_lookup($uni)`

Given a Unicode value in the MS table (Platform 3, Encoding 1) locates that table and looks up the appropriate glyph number from it.

`$t->find_ms`

Finds the Microsoft Unicode table and sets the `mstable` instance variable to it if found. Returns the table it finds.

`$t->out($fh)`

Writes out a cmap table to a filehandle. If it has not been read, then just copies from input file to output

`@map = $t->reverse([$num])`

Returns a reverse map of the table of given number or the Microsoft cmap. I.e. given a glyph gives the Unicode value for it.

**BUGS**

- No support for format 2 tables (MBCS)

## **AUTHOR**

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## **LICENSING**

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