



Linux Ubuntu 22.4.5 Manual Pages on command 'Font::TTF::Coverage.3pm'

\$ man Font::TTF::Coverage.3pm

Font::TTF::Coverage(3pm) User Contributed Perl Documentation Font::TTF::Coverage(3pm)

NAME

Font::TTF::Coverage - Opentype coverage and class definition objects

DESCRIPTION

Coverage tables and class definition objects are virtually identical concepts in OpenType. Their difference comes purely in their storage. Therefore we can say that a coverage table is a class definition in which the class definition for each glyph is the corresponding index in the coverage table. The resulting data structure is that a Coverage table has the following fields:

cover

A boolean to indicate whether this table is a coverage table (TRUE) or a class definition (FALSE)

val A hash of glyph ids against values (either coverage index or class value)

fmt The storage format used is given here, but is recalculated when the table is written out.

count

A count of the elements in a coverage table for use with add. Each subsequent addition is added with the current count and increments the count.

max Maximum class value in a class table.

METHODS

`new($isCover [, vals])`

Creates a new coverage table or class definition table, depending upon the value of \$isCover. If \$isCover then vals may be a list of glyphs to include in order. If not \$isCover, then vals is a hash of glyphs against class values.

`read($fh)`

Reads the coverage/class table from the given file handle

`out($fh, $state)`

Writes the coverage/class table to the given file handle. If \$state is 1 then the output string is returned rather than being output to a filehandle.

`$c->add($glyphid[, $class])`

Adds a glyph id to the coverage or class table. Returns the index or class number of the glyphid added.

`$c->signature`

Returns a vector of all the glyph ids covered by this coverage table or class

`@map=$c->sort`

Sorts the coverage table so that indexes are in ascending order of glyphid.

Returns a map such that `$map[$new_index]=$old_index`.

`$c->out_xml($context)`

Outputs this coverage/class in XML

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LICENSING

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