

luaharfbuzz Documentation

Module harfbuzz

Lua bindings to Harfbuzz.

- [Wiki](#)
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- [API Coverage Status](#)

Info:

- **Copyright:** 2016
- **License:** MIT
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Functions

[version \(\)](#) Wraps hb_version.

[shape \(font, buffer\[, options\]\)](#) Wraps hb_shape.

Class Blob

[Blob.new \(data\)](#) Wraps hb_blob_create.

[Blob.new_from_file \(filename\)](#) Wraps hb_blob_create_from_file.

[Blob:get_length \(\)](#) Wraps hb_blob_get_length.

[Blob:get_data \(\)](#) Wraps hb_blob_get_data.

Class Face

[Face.new_from_blob \(blob\[, font_index=0\]\)](#) Wraps hb_face_create.

[Face.new \(file\[, font_index=0\]\)](#) Create a new Face from a file.

[Face:collect_unicodes \(\)](#) Wraps hb_face_collect_unicodes.

[Face:get_glyph_count \(\)](#) Wraps hb_face_get_glyph_count.

[Face:get_table \(tag\)](#) Wraps hb_face_reference_table.

[Face:get_table_tags \(\)](#) Wraps hb_face_get_table_tags.

[Face:get_upem \(\)](#) Wraps hb_face_get_upem.

[Face:ot_color_has_palettes \(\)](#) Wraps hb_ot_color_has_palettes.

[Face:ot_color_palette_get_count \(\)](#) Wraps hb_ot_color_palette_get_count.

[Face:ot_color_palette_get_colors \(\)](#) Wraps hb_ot_color_palette_get_colors.

[Face:ot_color_has_layers \(\)](#) Wraps hb_ot_color_has_layers.

[Face:ot_color_glyph_get_layers \(\)](#) Wraps hb_ot_color_glyph_get_layers.

[Face:ot_color_has_png \(\)](#) Wraps hb_ot_color_has_png.

[Face:ot_layout_get_script_tags \(\)](#) Wraps hb_ot_layout_table_get_script_tags.

[Face:ot_layout_get_language_tags \(\)](#) Wraps hb_ot_layout_script_get_language_tags.

[Face:ot_layout_get_feature_tags \(\)](#) Wraps hb_ot_layout_language_get_feature_tags.

Face:ot_layout_find_script()	Wraps hb_ot_layout_table_find_script.
Face:ot_layout_find_language()	Wraps hb_ot_layout_script_find_language.
Face:ot_layout_find_feature()	Wraps hb_ot_layout_language_find_feature.

Class Font

Font.new(face)	Wraps hb_font_create, and sets up some defaults for scale and shaping functions.
Font:get_scale()	Wraps hb_font_get_scale.
Font:set_scale(x_scale,y_scale)	Wraps hb_font_set_scale.
Font:get_h_extents()	Wraps hb_font_get_h_extents.
Font:get_v_extents()	Wraps hb_font_get_v_extents.
Font:get_glyph_extents(glyph)	Wraps hb_font_get_glyph_extents.
Font:get_glyph_name(glyph)	Wraps hb_font_get_glyph_name.
Font:get_glyph_from_name(name)	Wraps hb_font_get_glyph_from_name.
Font:get_glyph_h_advance(glyph)	Wraps hb_font_get_glyph_h_advance.
Font:get_glyph_v_advance(glyph)	Wraps hb_font_get_glyph_v_advance.
Font:get_nominal_glyph(codepoint.)	Wraps hb_font_get_nominal_glyph.
Font:ot_color_glyph_get_png()	Wraps hb_ot_color_glyph_get_png.

Class Buffer

Buffer.new()	Wraps hb_buffer_create.
Buffer:add_utf8(text[, item_offset=0[, item_length=-1]])	Wraps hb_buffer_add_utf8.
Buffer:add_codepoints(text[, item_offset=0[, item_length=-1]])	Wraps hb_buffer_add_codepoints.
Buffer:set_direction(dir)	Wraps hb_buffer_set_direction.
Buffer:get_direction()	Wraps hb_buffer_get_direction.
Buffer:set_script(script)	Wraps hb_buffer_set_script.
Buffer:get_script()	Wraps hb_buffer_get_script.
Buffer:set_language(lang)	Wraps hb_buffer_set_language.
Buffer:get_language()	Wraps hb_buffer_get_language.
Buffer:reverse()	Wraps hb_buffer_reverse.
Buffer:get_length()	Wraps hb_buffer_get_length.
Buffer:get_cluster_level()	Wraps hb_buffer_get_cluster_level.
Buffer:set_cluster_level(level)	Wraps hb_buffer_set_cluster_level.
Buffer:guess_segment_properties()	Wraps hb_buffer_guess_segment_properties.
Buffer:get_glyphs()	Helper method to get shaped glyph data.

Cluster Levels

Buffer.CLUSTER_LEVEL_MONOTONE_GRAPHEMES	Wraps HB_BUFFER_CLUSTER_LEVEL_MONOTONE_GRAPHEMES.
Buffer.CLUSTER_LEVEL_MONOTONE_CHARACTERS	Wraps HB_BUFFER_CLUSTER_LEVEL_MONOTONE_CHARACTERS.
Buffer.CLUSTER_LEVEL_CHARACTERS	Wraps HB_BUFFER_CLUSTER_LEVEL_CHARACTERS.
Buffer.CLUSTER_LEVEL_DEFAULT	Wraps HB_BUFFER_CLUSTER_LEVEL_DEFAULT.

[Buffer.GLYPH_FLAG_UNSAFE_TO_BREAK](#)
[Buffer.GLYPH_FLAG_DEFINED](#)

Wraps HB_GLYPH_FLAG_UNSAFE_TO_BREAK.
Wraps HB_GLYPH_FLAG_DEFINED.

Class Feature

[Feature.new\(feature_string\)](#) Wraps hb_feature_from_string
[Feature:tostring\(\)](#) Wraps hb_feature_to_string.

Class Tag

[Tag.new\(string\)](#) Wraps hb_tag_from_string.
[Tag:tostring\(\)](#) Wraps hb_tag_to_string.
[Tag:==\(\)](#) Enables equality comparisons with == between two tags.

Class Script

[Script.new\(script\)](#) Wraps hb_script_from_string.
[Script.from_iso15924_tag\(tag\)](#) Wraps hb_script_from_iso15924_tag
[Script:to_iso15924_tag\(\)](#) Wraps hb_script_to_iso15924_tag.
[Script:tostring\(\)](#) Enable nice output with tostring(...)
[Script:==\(\)](#) Enables equality comparisons with == between two scripts.

Predefined Script Codes

[Script.COMMON](#) Wraps HB_SCRIPT_COMMON.
[Script.INHERITED](#) Wraps HB_SCRIPT_INHERITED.
[Script.UNKNOWN](#) Wraps HB_SCRIPT_UNKNOWN.
[Script.INVALID](#) Wraps HB_SCRIPT_INVALID.

Class Direction

[Direction.new\(dir\)](#) Wraps hb_direction_from_string.
[Direction:tostring\(\)](#) Wraps hb_direction_to_string.
[Direction:==\(\)](#) Enables equality comparisons with == between two directions.
[Direction:is_valid\(\)](#) Wraps HB_DIRECTION_IS_VALID.
[Direction:is_horizontal\(\)](#) Wraps HB_DIRECTION_IS_HORIZONTAL.
[Direction:is_vertical\(\)](#) Wraps HB_DIRECTION_IS_VERTICAL.
[Direction:is_forward\(\)](#) Wraps HB_DIRECTION_IS_FORWARD.
[Direction:is_backward\(\)](#) Wraps HB_DIRECTION_IS_BACKWARD.

Predefined directions

[Direction.LTR](#) Wraps HB_DIRECTION_LTR.
[Direction.RTL](#) Wraps HB_DIRECTION_RTL.
[Direction.TTB](#) Wraps HB_DIRECTION_TTB.
[Direction.BTT](#) Wraps HB_DIRECTION_LTR.

Class Language

[Language.new \(lang\)](#) Wraps hb_language_from_string.

[Language: __tostring\(\)](#) Wraps hb_language_to_string.

[Language: __eq\(\)](#) Enables equality comparisons with == between two languages.

Predefined languages

[Language.INVALID](#) Wraps HB_LANGUAGE_INVALID.

Class Set

[Set:add \(codepoint\)](#) Wraps hb_set_add.

Unicode functions

[unicode.script \(char\)](#) Wraps hb_unicode_script

Predefined Name IDs

[ot.NAME_ID_COPYRIGHT](#)

Wraps HB_OT_NAME_ID_COPYRIGHT

[ot.NAME_ID_FONT_FAMILY](#)

Wraps HB_OT_NAME_ID_FONT_FAMILY

[ot.NAME_ID_FONT_SUBFAMILY](#)

Wraps HB_OT_NAME_ID_FONT_SUBFAMILY

[ot.NAME_ID_UNIQUE_ID](#)

Wraps HB_OT_NAME_ID_UNIQUE_ID

[ot.NAME_ID_FULL_NAME](#)

Wraps HB_OT_NAME_ID_FULL_NAME

[ot.NAME_ID_VERSION_STRING](#)

Wraps HB_OT_NAME_ID_VERSION_STRING

[ot.NAME_ID_POSTSCRIPT_NAME](#)

Wraps HB_OT_NAME_ID_POSTSCRIPT_NAME

[ot.NAME_ID_TRADEMARK](#)

Wraps HB_OT_NAME_ID_TRADEMARK

[ot.NAME_ID_MANUFACTURER](#)

Wraps HB_OT_NAME_ID_MANUFACTURER

[ot.NAME_ID_DESIGNER](#)

Wraps HB_OT_NAME_ID_DESIGNER

[ot.NAME_ID_DESCRIPTION](#)

Wraps HB_OT_NAME_ID_DESCRIPTION

[ot.NAME_ID_VENDOR_URL](#)

Wraps HB_OT_NAME_ID_VENDOR_URL

[ot.NAME_ID_DESIGNER_URL](#)

Wraps HB_OT_NAME_ID_DESIGNER_URL

[ot.NAME_ID_LICENSE](#)

Wraps HB_OT_NAME_ID_LICENSE

[ot.NAME_ID_LICENSE_URL](#)

Wraps HB_OT_NAME_ID_LICENSE_URL

[ot.NAME_ID TYPOGRAPHIC_FAMILY](#)

Wraps HB_OT_NAME_ID TYPOGRAPHIC_FAMILY

[ot.NAME_ID TYPOGRAPHIC_SUBFAMILY](#)

Wraps HB_OT_NAME_ID TYPOGRAPHIC_SUBFAMILY

[ot.NAME_ID_MAC_FULL_NAME](#)

Wraps HB_OT_NAME_ID_MAC_FULL_NAME

[ot.NAME_ID_SAMPLE_TEXT](#)

Wraps HB_OT_NAME_ID_SAMPLE_TEXT

[ot.NAME_ID_CID_FINDFONT_NAME](#)

Wraps HB_OT_NAME_ID_CID_FINDFONT_NAME

[ot.NAME_ID_WWS_FAMILY](#)

Wraps HB_OT_NAME_ID_WWS_FAMILY

[ot.NAME_ID_WWS_SUBFAMILY](#)

Wraps HB_OT_NAME_ID_WWS_SUBFAMILY

[ot.NAME_ID_LIGHT_BACKGROUND](#)

Wraps HB_OT_NAME_ID_LIGHT_BACKGROUND

[ot.NAME_ID_DARK_BACKGROUND](#)

Wraps HB_OT_NAME_ID_DARK_BACKGROUND

[ot.NAME_ID_VARIATIONS_PS_PREFIX](#)

Wraps HB_OT_NAME_ID_VARIATIONS_PS_PREFIX

[ot.NAME_ID_INVALID](#)

Wraps HB_OT_NAME_ID_INVALID

ot.LAYOUT_NO_SCRIPT_INDEX	Wraps HB_OT_LAYOUT_NO_SCRIPT_INDEX
ot.LAYOUT_NO_FEATURE_INDEX	Wraps HB_OT_LAYOUT_NO_FEATURE_INDEX
ot.LAYOUT_DEFAULT_LANGUAGE_INDEX	Wraps HB_OT_LAYOUT_DEFAULT_LANGUAGE_INDEX
ot.LAYOUT_NO_VARIATIONS_INDEX	Wraps HB_OT_LAYOUT_NO_VARIATIONS_INDEX

version ()

Wraps hb_version.

shape (font, buffer[, options])

Wraps hb_shape.

Parameters:

- font Font to use for shaping
- buffer Buffer to shape
- options

table containing one or more supported options:

- direction: A Direction object representing the object.
- script: A Script object representing the script.
- language: A Language object representing the language.
- features: features to enable, specified as either of the following.
 - comma-separated list of features. See [feature string syntax reference](#)
 - table of Feature objects

(optional)

Lua wrapper for hb_blob_t type

Blob.new (data)

Wraps hb_blob_create. Initializes a new hb_blob_t.

Parameters:

- data lua string containing binary or character data.

Blob.new_from_file (filename)

Wraps hb_blob_create_from_file. Initializes a new hb_blob_t.

Parameters:

- filename lua string.

Blob:get_length ()

Wraps hb_blob_get_length.

Blob:get_data ()

Wraps hb_blob_get_data.

Lua wrapper for hb_face_t type

Face.new_from_blob (blob[, font_index=0])

Wraps hb_face_create. Initializes a new hb_face_t from a Blob object.

Parameters:

- blob Blob to read the font from.
- font_index index of font to read. (default 0)

Face.new (file[, font_index=0])

Create a new Face from a file. Makes a call to Face:new_from_blob after creating a Blob from the file

contents.

Parameters:

- file path to font file.
- font_index index of font to read. (*default 0*)

Face:collect_unicodes ()

Wraps hb_face_collect_unicodes.

Returns:

table of codepoints supported by the face.

Face:get_glyph_count ()

Wraps hb_face_get_glyph_count.

Face:get_table (tag)

Wraps hb_face_reference_table.

Parameters:

- tag Tag object of the table.

Returns:

Blob object for the face table of tag.

Face:get_table_tags ()

Wraps hb_face_get_table_tags.

Returns:

table of Tags representing face table tags.

Face:get_upem ()

Wraps hb_face_get_upem.

Face:ot_color_has_palettes ()

Wraps hb_ot_color_has_palettes.

Face:ot_color_palette_get_count ()

Wraps hb_ot_color_palette_get_count.

Face:ot_color_palette_get_colors ()

Wraps hb_ot_color_palette_get_colors.

Face:ot_color_has_layers ()

Wraps hb_ot_color_has_layers.

Face:ot_color_glyph_get_layers ()

Wraps hb_ot_color_glyph_get_layers.

Face:ot_color_has_png ()

Wraps hb_ot_color_has_png.

Face:ot_layout_get_script_tags ()

Wraps hb_ot_layout_table_get_script_tags.

Face:ot_layout_get_language_tags ()

Wraps hb_ot_layout_script_get_language_tags.

Face:ot_layout_get_feature_tags ()

Wraps hb_ot_layout_language_get_feature_tags.

Face:ot_layout_find_script ()

Wraps hb_ot_layout_table_find_script.

Face:ot_layout_find_language ()

Wraps hb_ot_layout_script_find_language.

Face:ot_layout_find_feature ()

Wraps hb_ot_layout_language_find_feature.

Lua wrapper for `hb_font_t` type

Font.new (face)

Wraps `hb_font_create`, and sets up some defaults for scale and shaping functions. Initializes a new `hb_font_t` from a `Face` object. Sets the default scale to the face's `upem` value, and sets the font shaping functions by calling `hb_ot_font_set_funcs` on it.

Parameters:

- `face` `Face` object.

Font:get_scale ()

Wraps `hb_font_get_scale`.

Returns:

two values for the x-scale and y-scale of the font.

Font:set_scale (x_scale, y_scale)

Wraps `hb_font_set_scale`.

Parameters:

- `x_scale` desired x-scale of font.
- `y_scale` desired y-scale of font.

Font:get_h_extents ()

Wraps `hb_font_get_h_extents`.

Returns:

font extents table for horizontal direction, contains the following or `nil` if HarfBuzz fails to load font extents:

- `ascender`: typographic ascender.
- `descender`: typographic descender.
- `line_gap`: line spacing gap.

Font:get_v_extents ()

Wraps `hb_font_get_v_extents`.

Returns:

font extents table for vertical direction, similar to `Font:get_h_extents`, or `nil` if HarfBuzz fails to load font extents:

Font:get_glyph_extents (glyph)

Wraps `hb_font_get_glyph_extents`.

Parameters:

- `glyph` index inside the font.

Returns:

extents table contains the following or `nil` if HarfBuzz fails to load glyph extents:

- `x_bearing`: left side of glyph from origin.
- `y_bearing`: top side of glyph from origin.
- `width`: distance from left to right side.
- `height`: distance from top to bottom side.

Font:get_glyph_name (glyph)

Wraps hb_font_get_glyph_name.

Parameters:

- glyph index inside the font.

Returns:

name of the glyph or nil.

Font:get_glyph_from_name (name)

Wraps hb_font_get_glyph_from_name.

Parameters:

- name of the glyph.

Returns:

glyph index inside the font or nil.

Font:get_glyph_h_advance (glyph)

Wraps hb_font_get_glyph_h_advance.

Parameters:

- glyph index inside the font.

Returns:

advance glyph advance of the glyph in horizontal direction.

Font:get_glyph_v_advance (glyph)

Wraps hb_font_get_glyph_v_advance.

Parameters:

- glyph index inside the font.

Returns:

advance glyph advance of the glyph in vertical direction.

Font:get_nominal_glyph (codepoint.)

Wraps hb_font_get_nominal_glyph.

Parameters:

- codepoint.

Returns:

glyph index or nil if codepoint is not supported by the font.

Font:ot_color_glyph_get_png ()

Wraps hb_ot_color_glyph_get_png.

Lua wrapper for hb_buffer_t type.

Buffer.new ()

Wraps hb_buffer_create.

Buffer:add_utf8 (text[, item_offset=0[, item_length=-1]])

Wraps hb_buffer_add_utf8.

Parameters:

- text UTF8 encoded string.
- item_offset 0-indexed offset in text, from where to start adding. (*default 0*)
- item_length length to add from item_offset. -1 adds till end of text. (*default -1*)

Buffer:add_codepoints (text[, item_offset=0[, item_length=-1]])

Wraps hb_buffer_add_codepoints.

Parameters:

- text table with codepoints as lua numbers.
- item_offset 0-indexed offset in text, from where to start adding. (*default 0*)
- item_length length to add from item_offset. -1 adds till end of text. (*default -1*)

Buffer:set_direction (dir)

Wraps hb_buffer_set_direction.

Parameters:

- dir A Direction object.

Buffer:get_direction ()

Wraps hb_buffer_get_direction.

Returns:

A Direction object.

Buffer:set_script (script)

Wraps hb_buffer_set_script.

Parameters:

- script A Script object.

Buffer:get_script ()

Wraps hb_buffer_get_script.

Returns:

A Script object.

Buffer:set_language (lang)

Wraps hb_buffer_set_language.

Parameters:

- lang A Language object

Buffer:get_language ()

Wraps hb_buffer_get_language.

Returns:

A Language object

Buffer:reverse ()

Wraps hb_buffer_reverse.

Buffer:get_length ()

Wraps hb_buffer_get_length.

Buffer:get_cluster_level ()

Wraps hb_buffer_get_cluster_level.

Returns:

see [Cluster Levels](#)

Buffer:set_cluster_level (level)

Wraps hb_buffer_set_cluster_level.

Parameters:

- level see [Cluster Levels](#)

Buffer:guess_segment_properties ()

Wraps hb_buffer_guess_segment_properties.

Buffer:get_glyphs ()

Helper method to get shaped glyph data. Calls hb_buffer_get_glyph_infos, hb_buffer_get_glyph_positions and hb_glyph_info_get_glyph_flags, and assembles the data into a Lua table.

Returns:

table containing data for each glyph, in a nested table. Each nested table contains the following:

- x_advance: horizontal advance.
- y_advance: vertical advance.
- x_offset: horizontal displacement.
- y_offset: vertical displacement.
- cluster: glyph cluster index within input.
- codepoint: glyph index inside the font (*this field name is a bit misleading, but that's what Harfbuzz uses*).
- flags: glyph flags

See [Harfbuzz docs](#) for more details about what each of these levels mean.

Buffer.CLUSTER_LEVEL_MONOTONE_GRAPHEMES

Wraps HB_BUFFER_CLUSTER_LEVEL_MONOTONE_GRAPHEMES.

Buffer.CLUSTER_LEVEL_MONOTONE_CHARACTERS

Wraps HB_BUFFER_CLUSTER_LEVEL_MONOTONE_CHARACTERS.

Buffer.CLUSTER_LEVEL_CHARACTERS

Wraps HB_BUFFER_CLUSTER_LEVEL_CHARACTERS.

Buffer.CLUSTER_LEVEL_DEFAULT

Wraps HB_BUFFER_CLUSTER_LEVEL_DEFAULT.

Buffer.GLYPH_FLAG_UNSAFE_TO_BREAK

Wraps HB_GLYPH_FLAG_UNSAFE_TO_BREAK.

Buffer.GLYPH_FLAG_DEFINED

Wraps HB_GLYPH_FLAG_DEFINED.

Lua wrapper for hb_feature_t type

Feature.new (feature_string)

Wraps hb_feature_from_string

Parameters:

- feature_string See [feature string syntax reference](#)

Feature: __tostring ()

Wraps hb_feature_to_string. Enables nice output with tostring(...).

Lua wrapper for hb_tag_t type.

Tag.new (string)

Wraps hb_tag_from_string.

Parameters:

- string to be converted to a Tag object.

Returns:

a Tag object.

Tag: __tostring ()

Wraps hb_tag_to_string. Enable nice output with tostring(...).

Returns:

Returns a string representation for the tag object.

Tag: __eq ()

Enables equality comparisons with == between two tags.

Returns:

true or false depending on whether the two tags are equal.

Lua wrapper for hb_script_t type.

Script.new (script)

Wraps hb_script_from_string.

Parameters:

- script 4-letter script code according to the [ISO 15924 standard](#).

Returns:

a Script object.

Script.from_iso15924_tag (tag)

Wraps hb_script_from_iso15924_tag

Parameters:

- tag a Tag object representing a [ISO 15924 script](#).

Script:to_iso15924_tag ()

Wraps hb_script_to_iso15924_tag.

Returns:

a Tag object representing the script.

Script: __tostring ()

Enable nice output with tostring(...)

Returns:

Returns a 4-letter [ISO 15924 script code](#) for the script object.

Script:__eq ()

Enables equality comparisons with == between two scripts.

Returns:

true or false depending on whether the two scripts are equal.

Predefined directions that correspond to their original definitions in Harfbuzz.

Script.COMMON

Wraps HB_SCRIPT_COMMON.

Script.INHERITED

Wraps HB_SCRIPT_INHERITED.

Script.UNKNOWN

Wraps HB_SCRIPT_UNKNOWN.

Script.INVALID

Wraps HB_SCRIPT_INVALID.

Lua wrapper for hb_direction_t type.

Direction.new (dir)

Wraps hb_direction_from_string.

Parameters:

- dir can be one of ltr, rtl, ttb, btt or invalid.

Returns:

a Direction object.

Direction:__tostring ()

Wraps hb_direction_to_string. Enable nice output with tostring(...).

Returns:

Returns a string representation for direction.

Direction:__eq ()

Enables equality comparisons with == between two directions.

Returns:

true or false depending on whether the two tags are equal.

Direction:is_valid ()

Wraps HB_DIRECTION_IS_VALID.

Returns:

a boolean value

Direction:is_horizontal ()

Wraps HB_DIRECTION_IS_HORIZONTAL.

Returns:

a boolean value

Direction.is_vertical ()

Wraps HB_DIRECTION_IS_VERTICAL.

Returns:

a boolean value

Direction.is_forward ()

Wraps HB_DIRECTION_IS_FORWARD.

Returns:

a boolean value

Direction.is_backward ()

Wraps HB_DIRECTION_IS_BACKWARD.

Returns:

a boolean value

Predefined directions that correspond to their original definitions in Harfbuzz.

Direction.LTR

Wraps HB_DIRECTION_LTR.

Direction.RTL

Wraps HB_DIRECTION_RTL.

Direction.TTB

Wraps HB_DIRECTION_TTB.

Direction.BTT

Wraps HB_DIRECTION_LTR.

Lua wrapper for hb_language_t type.

Language.new (lang)

Wraps hb_language_from_string.

Parameters:

- lang [three-letter language tag](#) to be converted to a Language object.

Returns:

a Language object.

Language.__tostring ()

Wraps hb_language_to_string. Enable nice output with tostring(...).

Returns:

Returns a string representation for the language object.

Language.__eq ()

Enables equality comparisons with == between two languages.

Returns:

true or false depending on whether the two languages are equal.

Predefined languages that correspond to their original definitions in Harfbuzz.

Language.INVALID

Wraps HB_LANGUAGE_INVALID.

Lua wrapper for hb_set_t type.

Set objects represent a mathematical set of integer values.

Set:add (codepoint)

Wraps hb_set_add.

Adds a codepoint to the set.

Parameters:

- codepoint The element to add.

unicode.script (char)

Wraps hb_unicode_script

Parameters:

- char Unicode codepoint

Returns:

a Script object.

Predefined OpenType 'name' table name identifier.

ot.NAME_ID_COPYRIGHT

Wraps HB_OT_NAME_ID_COPYRIGHT

ot.NAME_ID_FONT_FAMILY

Wraps HB_OT_NAME_ID_FONT_FAMILY

ot.NAME_ID_FONT_SUBFAMILY

Wraps HB_OT_NAME_ID_FONT_SUBFAMILY

ot.NAME_ID_UNIQUE_ID

Wraps HB_OT_NAME_ID_UNIQUE_ID

ot.NAME_ID_FULL_NAME

Wraps HB_OT_NAME_ID_FULL_NAME

ot.NAME_ID_VERSION_STRING

Wraps HB_OT_NAME_ID_VERSION_STRING

ot.NAME_ID_POSTSCRIPT_NAME

Wraps HB_OT_NAME_ID_POSTSCRIPT_NAME

ot.NAME_ID_TRADEMARK

Wraps HB_OT_NAME_ID_TRADEMARK

ot.NAME_ID_MANUFACTURER

Wraps HB_OT_NAME_ID_MANUFACTURER

ot.NAME_ID_DESIGNER

Wraps HB_OT_NAME_ID_DESIGNER

ot.NAME_ID_DESCRIPTION

Wraps HB_OT_NAME_ID_DESCRIPTION

ot.NAME_ID_VENDOR_URL

Wraps HB_OT_NAME_ID_VENDOR_URL

ot.NAME_ID_DESIGNER_URL

Wraps HB_OT_NAME_ID_DESIGNER_URL

ot.NAME_ID_LICENSE

Wraps HB_OT_NAME_ID_LICENSE

ot.NAME_ID_LICENSE_URL

Wraps HB_OT_NAME_ID_LICENSE_URL

ot.NAME_ID TYPOGRAPHIC_FAMILY

Wraps HB_OT_NAME_ID TYPOGRAPHIC_FAMILY

ot.NAME_ID TYPOGRAPHIC_SUBFAMILY

Wraps HB_OT_NAME_ID TYPOGRAPHIC_SUBFAMILY

ot.NAME_ID_MAC_FULL_NAME

Wraps HB_OT_NAME_ID_MAC_FULL_NAME

ot.NAME_ID_SAMPLE_TEXT

Wraps HB_OT_NAME_ID_SAMPLE_TEXT

ot.NAME_ID_CID_FINDFONT_NAME

Wraps HB_OT_NAME_ID_CID_FINDFONT_NAME

ot.NAME_ID_WWS_FAMILY

Wraps HB_OT_NAME_ID_WWS_FAMILY

ot.NAME_ID_WWS_SUBFAMILY

Wraps HB_OT_NAME_ID_WWS_SUBFAMILY

ot.NAME_ID_LIGHT_BACKGROUND

Wraps HB_OT_NAME_ID_LIGHT_BACKGROUND

ot.NAME_ID_DARK_BACKGROUND

Wraps HB_OT_NAME_ID_DARK_BACKGROUND

ot.NAME_ID_VARIATIONS_PS_PREFIX

Wraps HB_OT_NAME_ID_VARIATIONS_PS_PREFIX

ot.NAME_ID_INVALID

Wraps HB_OT_NAME_ID_INVALID

ot.LAYOUT_NO_SCRIPT_INDEX

Wraps HB_OT_LAYOUT_NO_SCRIPT_INDEX

ot.LAYOUT_NO_FEATURE_INDEX

Wraps HB_OT_LAYOUT_NO_FEATURE_INDEX

ot.LAYOUT_DEFAULT_LANGUAGE_INDEX

Wraps HB_OT_LAYOUT_DEFAULT_LANGUAGE_INDEX

ot.LAYOUT_NO_VARIATIONS_INDEX

Wraps HB_OT_LAYOUT_NO_VARIATIONS_INDEX