

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	Wraps HB_GLYPH_FLAG_UNSAFE_TO_BREAK.
Buffer.GLYPH_FLAG_DEFINED	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:__eq()	Enables equality comparisions 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 <code>tostring(...)</code>
Script:__eq()	Enables equality comparisions 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:__eq()	Enables equality comparisions 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_BTT.

Class Language

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

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

[Language:__eq\(\)](#) Enables equality comparisions 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

<code>ot.LAYOUT_NO_SCRIPT_INDEX</code>	Wraps HB_OT_LAYOUT_NO_SCRIPT_INDEX
<code>ot.LAYOUT_NO_FEATURE_INDEX</code>	Wraps HB_OT_LAYOUT_NO_FEATURE_INDEX
<code>ot.LAYOUT_DEFAULT_LANGUAGE_INDEX</code>	Wraps HB_OT_LAYOUT_DEFAULT_LANGUAGE_INDEX
<code>ot.LAYOUT_NO_VARIATIONS_INDEX</code>	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 comparisions 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 comparisions 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 comparisions 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 comparisions 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