

Modul:Unicode data/Doku

Dies ist die Dokumentationsseite für **Modul:Unicode data**

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Usage

This module provides functions that access information on Unicode code points. The information is retrieved from data modules generated from the [Unicode Character Database](#), or derived by rules given in the [Unicode Specification](#). It and its submodules were copied from English Wiktionary and then modified; see [there](#) for more information.

Functions

Vorlage:Code

Receives a code point (number) and returns its name or label; for example, **Vorlage:Code** returns **Vorlage:Code**.

For example, **Vorlage:Tnull** → `<reserved-0061>`

Vorlage:Code

Template-invokable functions that allow access to the functions starting with `lookup` and `is`. Replace the first underscore in the function name with a pipe. For most of the functions, add the code point in hexadecimal base as the next parameter, but for `is_Latin`, `is_rtl`, and `is_valid_pagename`, add text. [HTML character references](#) in the text are decoded by the module into code points.

For example, **Vorlage:Tnull** → **Lua-Fehler in Modul:Unicode_data, Zeile 293: attempt to index local 'data_module' (a boolean value)**.

Data modules

The data used by functions in this module is found in [submodules](#). Some are generated by [AWK](#) scripts shown at [User:Kephir/Unicode](#) on English Wiktionary, others by Lua scripts on the /make subpages of the submodules.

- [Module:Unicode data/aliases](#): the formal name aliases for characters (from [NameAliases.txt](#))
- [Module:Unicode data/blocks](#): the list of Unicode blocks (from [Blocks.txt](#))
- [Module:Unicode data/category](#): data mapping characters to their General Category (from [DerivedGeneralCategory.txt](#))



- **Module:Unicode data/control**: data for identifying characters that belong to the General Categories of Separator and Other (from [DerivedGeneralCategory.txt](#))
- **Module:Unicode data/combining**: data mapping characters to their Combining Classes (from [DerivedCombiningClass.txt](#))
- **Module:Unicode data/Hangul**: data used to generate the names of **Hangul** syllables (from [Jamo.txt](#))
- **Module:Unicode data/scripts**: data mapping characters to their Unicode script properties (from [Scripts.txt](#)).

The name data modules (**Module:Unicode data/names/xxx**) were compiled from [UnicodeData.txt](#). Each one contains, at maximum, code points U+xxx000 to U+xxxFFF. **Lua-Fehler in mw.title.lua, Zeile 206: too many expensive function calls**

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