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Module:Yesno

From Blue Gold Program Wiki

The printable version is no longer supported and may have rendering errors. Please update your browser bookmarks and please use the default browser print function instead.

This Lua module is used on [approximately 19,900,000 pages, or roughly 1116723% of all pages](#). To avoid major disruption and server load, any changes should be tested in the module's [/sandbox](#) or [/testcases](#) subpages, or in your own [module sandbox](#). The tested changes can be added to this page in a single edit. Consider discussing changes on the [talk page](#) before implementing them.

This module is used in system messages.

40x40px Changes to it can cause immediate changes to the Wikipedia user interface. To avoid large-scale disruption, any changes should first be tested in this module's [/sandbox](#) or [/testcases](#) subpage, or in your own [user space](#). The tested changes can then be added in one single edit to this module. Please discuss any changes on the [talk page](#) before implementing them.

40x40px This module is [subject to page protection](#). It is a [highly visible module](#) in use by a very large number of pages, or is [substituted](#) very frequently. Because vandalism or mistakes would affect many pages, and even trivial editing might cause substantial load on the servers, it is [protected](#) from editing.

This module provides a consistent interface for processing boolean or boolean-style string input. While Lua allows the `true` and `false` boolean values, wikicode templates can only express boolean values through strings such as "yes", "no", etc. This module processes these kinds of strings and turns them into boolean input for Lua to process. It also returns `nil` values as `nil`, to allow for distinctions between `nil` and `false`. The module also accepts other Lua structures as input, i.e. booleans, numbers, tables, and functions. If it is passed input that it does not recognise as boolean or `nil`, it is possible to specify a default value to return.

Syntax

```
<source lang="lua">yesno(value, default)</source>
```

`value` is the value to be tested. Boolean input or boolean-style input (see below) always evaluates to either `true` or `false`, and `nil` always evaluates to `nil`. Other values evaluate to `default`.

Usage

First, load the module. Note that it can only be loaded from other Lua modules, not from normal wiki pages. For normal wiki pages you can use `{{yesno}}` instead.

```
<source lang="lua"> local yesno = require('Module:Yesno') </source>
```

Some input values always return `true`, and some always return `false`. `nil` values always return `nil`.

```
<source lang="lua"> -- These always return true: yesno('yes') yesno('y') yesno('true') yesno('t')
yesno('1') yesno(1) yesno(true)
```

```
-- These always return false: yesno('no') yesno('n') yesno('false') yesno('f') yesno('0') yesno(0)
yesno(false)
```

```
-- A nil value always returns nil: yesno(nil) </source>
```

String values are converted to lower case before they are matched:

```
<source lang="lua"> -- These always return true: yesno('Yes') yesno('YES') yesno('yEs') yesno('Y')
yesno('tRuE')
```

```
-- These always return false: yesno('No') yesno('NO') yesno('nO') yesno('N') yesno('fALsE') </source>
```

You can specify a default value if `yesno` receives input other than that listed above. If you don't supply a default, the module will return `nil` for these inputs.

```
<source lang="lua"> -- These return nil: yesno('foo') yesno({}) yesno(5) yesno(function() return
'This is a function.' end)
```

```
-- These return true: yesno('foo', true) yesno({}, true) yesno(5, true) yesno(function() return 'This is
a function.' end, true)
```

```
-- These return "bar": yesno('foo', 'bar') yesno({}, 'bar') yesno(5, 'bar') yesno(function() return 'This
is a function.' end, 'bar') </source>
```

Note that the blank string also functions this way: <source lang="lua"> yesno() -- *Returns nil.*
yesno(, true) -- *Returns true.* yesno(, 'bar') -- *Returns "bar"*. </source>

Although the blank string usually evaluates to false in wikitext, it evaluates to true in Lua. This module prefers the Lua behaviour over the wikitext behaviour. If treating the blank string as false is important for your module, you will need to remove blank arguments at an earlier stage of processing.

```
-- Function allowing for consistent treatment of boolean-like wikitext input.
-- It works similarly to the template {{yesno}}.
```

```
return function (val, default)
    -- If your wiki uses non-ascii characters for any of "yes", "no",
    etc., you
    -- should replace "val:lower()" with "mw.ustring.lower(val)" in the
    -- following line.
    val = type(val) == 'string' and val:lower() or val
    if val == nil then
        return nil
    elseif val == true
        or val == 'yes'
        or val == 'y'
        or val == 'true'
        or val == 't'
        or val == 'on'
        or tonumber(val) == 1
    then
        return true
    elseif val == false
        or val == 'no'
        or val == 'n'
        or val == 'false'
        or val == 'f'
        or val == 'off'
        or tonumber(val) == 0
    then
        return false
    else
        return default
    end
end
```

end

Retrieved from "<https://www.bluegoldwiki.com/index.php?title=Module:Yesno&oldid=2297>"

Namespaces

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Variants

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This page was last edited on 26 April 2020, at 05:11.

Blue Gold Program Wiki

The wiki version of the Lessons Learnt Report of the Blue Gold program, documents the experiences of a technical assistance (TA) team working in a development project implemented by the Bangladesh Water Development Board (BWDB) and the Department of Agricultural Extension (DAE) over an eight+ year period from March 2013 to December 2021. The wiki lessons learnt report (LLR) is intended to complement the BWDB and DAE project completion reports (PCRs), with the aim of recording lessons learnt for use in the design and implementation of future interventions in the coastal zone.

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