Inhaltsverzeichnis

Modul:Lua banner/Doku

Dies ist die Dokumentationsseite für Modul:Lua banner

Vorlage:Lua This module implements the Vorlage:Tl template.

Usage from wikitext

This module cannot be used directly from wikitext. It can only be used through the Vorlage:Tl template. Please see the template page for documentation.

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To use this module from other Lua modules, first load the module.

```
local mLuaBanner = require('Module:Lua banner')
```

You can then generate a side box using the _main function.

```
mLuaBanner._main(args)
```

The *args* variable should be a table containing the arguments to pass to the module. To see the different arguments that can be specified and how they affect the module output, please refer to the Vorlage:Tl template documentation.

Tracking category

- Vorlage:Clc

Modul:Lua banner

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```
-- This module implements the {{lua}} template.
local yesno = require('Module:Yesno')
local mList = require('Module:List')
local mTableTools = require('Module:TableTools')
local mMessageBox = require('Module:Message box')

local p = {}

function p.main(frame)
	local origArgs = frame:getParent().args
	local args = {}
	for k, v in pairs(origArgs) do
		v = v:match('^%s*(.-)%s*$')
		if v ~= '' then
			args[k] = v
		end
	end
	return p._main(args)
end

function p._main(args)
	local modules = mTableTools.compressSparseArray(args)
```

```
        local box = p.renderBox(modules)
        local trackingCategories = p.renderTrackingCategories(args, modules)
        return box .. trackingCategories
end

function p.renderBox(modules)
        local boxArgs = {}
        if #modules < 1 then
                boxArgs.text = '<strong class="error">Error: no modules specifie
        else
                local moduleLinks = {}
                for i, module in ipairs(modules) do
                        moduleLinks[i] = string.format('[[:%s]]', module)
                end
                local moduleList = mList.makeList('bulleted', moduleLinks)
                local title = mw.title.getCurrentTitle()
                if title.subpageText == "doc" then
                        title = title.basePageTitle
                end
                if title.contentModel == "Scribunto" then
                        boxArgs.text = 'This module depends on the following othe
                else
                        boxArgs.text = 'This template  uses [[Wikipedia:Lua|Lua]]
                end
        end
        boxArgs.type = 'notice'
        boxArgs.small = true
        boxArgs.image = '[[File:Lua-logo-nolabel.svg|30px|alt=|link=]]'
        return mMessageBox.main('mbox', boxArgs)
end

function p.renderTrackingCategories(args, modules, titleObj)
        if yesno(args.nocat) then
                return ''
        end

        local cats = {}

        -- Error category
        if #modules < 1 then
                cats[#cats + 1] = 'Lua templates with errors'
        end

        -- Lua templates category
        titleObj = titleObj or mw.title.getCurrentTitle()
        local subpageBlacklist = {
                doc = true,
                sandbox = true,
                sandbox2 = true,
                testcases = true
        }
        if titleObj.namespace == 10
                and not subpageBlacklist[titleObj.subpageText]
        then
                local category = args.category
                if not category then
                        local categories = {
                                ['Module:String'] = 'Lua String-based templates',
                                ['Module:Math'] = 'Templates based on the Math Lu
                                ['Module:BaseConvert'] = 'Templates based on the
                                ['Module:Citation'] = 'Lua-based citation templat
                        }
                        categories['Module:Citation/CS1'] = categories['Module:Ci
                        category = modules[1] and categories[modules[1]]
```

```
                        category = category or 'Lua-based templates'
                end
                cats[#cats + 1] = category
                local protLevels = {
                        autoconfirmed = 1,
                        extendedconfirmed = 2,
                        templateeditor = 3,
                        sysop = 4
                }
                local currentProt
                if titleObj.id ~= 0 then
                        -- id is 0 (page does not exist) if am previewing before
                        currentProt = titleObj.protectionLevels["edit"][1]
                end
                if currentProt == nil then currentProt = 0 else currentProt = pro
                for i, module in ipairs(modules) do
                        local moduleProt = mw.title.new(module).protectionLevels[
                        if moduleProt == nil then moduleProt = 0 else moduleProt
                        if moduleProt < currentProt then
                                cats[#cats + 1] = "Templates using under-protecte
                                break
                        end
                end
        end

        for i, cat in ipairs(cats) do
                cats[i] = string.format('[[Category:%s]]', cat)
        end
        return table.concat(cats)
end

return p
```