

Modul:Navbar

Vorlage:Lua

This is a [Lua](#) implementation of [Vorlage:TI](#). It is used in [Module:Navbar](#).

```
local p = {}
local cfg = mw.loadData('Module:Navbar/configuration')

local function get_title_arg(is_collapsible, template)
    local title_arg = 1
    if is_collapsible then title_arg = 2 end
    if template then title_arg = 'template' end
    return title_arg
end

local function choose_links(template, args)
    -- The show table indicates the default displayed items.
    -- view, talk, edit, hist, move, watch
    -- TODO: Move to configuration.
    local show = {true, true, true, false, false, false}
    if template then
        show[2] = false
        show[3] = false
        local index = {t = 2, d = 2, e = 3, h = 4, m = 5, w = 6,
            talk = 2, edit = 3, hist = 4, move = 5, watch = 6}
        -- TODO: Consider removing TableTools dependency.
        for _, v in ipairs(require('Module:TableTools').compressSparseArray(index)) do
            local num = index[v]
            if num then show[num] = true end
        end
    end

    local remove_edit_link = args.noedit
    if remove_edit_link then show[3] = false end

    return show
end

local function add_link(link_description, ul, is_mini, font_style)
    local l
    if link_description.url then
        l = {'[', '|', '}']
    else
        l = {'[[', '|', ']]'}
    end
    end
    ul:tag('li')
        :addClass('nv-' .. link_description.full)
        :wikitext(l[1] .. link_description.link .. l[2])
        :tag(is_mini and 'abbr' or 'span')
            :attr('title', link_description.html_title)
            :cssText(font_style)
            :wikitext(is_mini and link_description.mini or link_description.full)
            :done()
        :wikitext(l[3])
        :done()
end
```

```
local function make_list(title_text, has_brackets, displayed_links, is_mini, font_color)
    local title = mw.title.new(mw.text.trim(title_text), cfg.title_namespace)
    if not title then
        error(cfg.invalid_title .. title_text)
    end
    local talkpage = title.talkPageTitle and title.talkPageTitle.fullText or ''
    -- TODO: Get link_descriptions and show into the configuration module.
    -- link_descriptions should be easier...
    local link_descriptions = {
        { ['mini'] = 'v', ['full'] = 'view', ['html_title'] = 'View this page',
          ['link'] = title.fullText, ['url'] = false },
        { ['mini'] = 't', ['full'] = 'talk', ['html_title'] = 'Discuss this page',
          ['link'] = talkpage, ['url'] = false },
        { ['mini'] = 'e', ['full'] = 'edit', ['html_title'] = 'Edit this page',
          ['link'] = title.fullUrl('action=edit'), ['url'] = true },
        { ['mini'] = 'h', ['full'] = 'hist', ['html_title'] = 'History of this page',
          ['link'] = title.fullUrl('action=history'), ['url'] = true },
        { ['mini'] = 'm', ['full'] = 'move', ['html_title'] = 'Move this page',
          ['link'] = mw.title.new('Special:Movepage'):fullUrl('target=' .. title.fullText),
          ['url'] = true },
        { ['mini'] = 'w', ['full'] = 'watch', ['html_title'] = 'Watch this page',
          ['link'] = title.fullUrl('action=watch'), ['url'] = true }
    }

    local ul = mw.html.create('ul')
    if has_brackets then
        ul:addClass(cfg.classes.brackets)
        :cssText(font_color)
    end

    for i, _ in ipairs(displayed_links) do
        if displayed_links[i] then add_link(link_descriptions[i], ul, is_mini, font_color)
        end
    end
    return ul:done()
end

function p._navbar(args)
    -- TODO: We probably don't need both fontstyle and fontcolor...
    local font_style = args.fontstyle
    local font_color = args.fontcolor
    local is_collapsible = args.collapsible
    local is_mini = args.mini
    local is_plain = args.plain

    local collapsible_class = nil
    if is_collapsible then
        collapsible_class = cfg.classes.collapsible
        if not is_plain then is_mini = 1 end
        if font_color then
            font_style = (font_style or '') .. '; color: ' .. font_color
        end
    end

    local navbar_style = args.style
    local div = mw.html.create():tag('div')
    div
        :addClass(cfg.classes.navbar)
        :addClass(cfg.classes.plainlinks)
        :addClass(cfg.classes.horizontal_list)
        :addClass(collapsible_class) -- we made the determination earlier
        :cssText(navbar_style)
end
```

```
if is_mini then div:addClass(cfg.classes.mini) end

local box_text = (args.text or cfg.box_text) .. ' '
-- the concatenated space guarantees the box text is separated
if not (is_mini or is_plain) then
    div
        :tag('span')
            :addClass(cfg.classes.box_text)
            :cssText(font_style)
            :wikitext(box_text)
    end

local template = args.template
local displayed_links = choose_links(template, args)
local has_brackets = args.brackets
local title_arg = get_title_arg(is_collapsible, template)
local title_text = args[title_arg] or (':' .. mw.getCurrentFrame():getPar
local list = make_list(title_text, has_brackets, displayed_links, is_mini)
div:node(list)

if is_collapsible then
    local title_text_class
    if is_mini then
        title_text_class = cfg.classes.collapsible_title_mini
    else
        title_text_class = cfg.classes.collapsible_title_full
    end
    div:done()
        :tag('div')
            :addClass(title_text_class)
            :cssText(font_style)
            :wikitext(args[1])
    end

return mw.getCurrentFrame():extensionTag{
    name = 'templatestyles', args = { src = cfg.templatestyles }
} .. tostring(div:done())
end

function p.navbar(frame)
    return p._navbar(require('Module:Arguments').getArgs(frame))
end

return p
```