

## Modul:Sidebar

### Vorlage:Lua Vorlage:Uses TemplateStyles

This module implements the templates [Vorlage:TI](#) and [Vorlage:TI](#). See the individual template pages for documentation.

```
--
-- This module implements {{Sidebar}}
--
require('Module:No globals')
local cfg = mw.loadData('Module:Sidebar/configuration')

local p = {}

local getArgs = require('Module:Arguments').getArgs

--[[
Categorizes calling templates and modules with a 'style' parameter of any sort
for tracking to convert to TemplateStyles.

TODO after a long cleanup: Catch sidebars in other namespaces than Template and Module
TODO would probably want to remove /log and /archive as CS1 does
]]
local function categorizeTemplatesWithInlineStyles(args)
    local title = mw.title.getCurrentTitle()
    if title.namespace ~= 10 and title.namespace ~= 828 then return '' end
    for _, pattern in ipairs (cfg.il8n.pattern.uncategorized_conversion_titles) do
        if title.text:match(pattern) then return '' end
    end

    for key, _ in pairs(args) do
        if mw.usttring.find(key, cfg.il8n.pattern.style_conversion) or key:match(cfg.il8n.category.conversion) then
            return cfg.il8n.category.conversion
        end
    end
end

end

--[[
For compatibility with the original {{sidebar with collapsible lists}}
implementation, which passed some parameters through {{#if}} to trim their
whitespace. This also triggered the automatic newline behavior.
]]
-- See ([[meta:Help:Newlines and spaces#Automatic newline]])
local function trimAndAddAutomaticNewline(s)
    s = mw.usttring.gsub(s, "%s*(.)%s*$", "%1")
    if mw.usttring.find(s, '^[#*:]') or mw.usttring.find(s, '^{|}') then
        return '\n' .. s
    else
        return s
    end
end

end

--[[
Finds whether a sidebar has a subgroup sidebar.
]]
local function hasSubgroup(s)
    if mw.usttring.find(s, cfg.il8n.pattern.subgroup) then
        return true
    end
end
```

```
        else
            return false
        end
    end
end

--[[
Main sidebar function. Takes the frame, args, and an optional collapsibleClass.
The collapsibleClass is and should be used only for sidebars with collapsible
lists, as in p.collapsible.
]]
function p.sidebar(frame, args, collapsibleClass)
    if not args then
        args = getArgs(frame)
    end
    local root = mw.html.create()
    local child = args.child and mw.text.trim(args.child) == cfg.i18n.child_y

    root = root:tag('table')
    if not child then
        root
            :addClass(cfg.i18n.class.sidebar)
            -- force collapsibleclass to be sidebar-collapse otherwise
            :addClass(collapsibleClass == cfg.i18n.class.collapse and
            :addClass('nomobile')
            :addClass(args.float == cfg.i18n.float_none and cfg.i18n
            :addClass(args.float == cfg.i18n.float_left and cfg.i18n
            :addClass(args.wraplinks ~= cfg.i18n.wrap_true and cfg.i1
            :addClass(args.bodyclass or args.class)
            :css('width', args.width or nil)
            :cssText(args.bodystyle or args.style)

        if args.outertitle then
            root
                :tag('caption')
                    :addClass(cfg.i18n.class.outer_title)
                    :addClass(args.outertitleclass)
                    :cssText(args.outertitlestyle)
                    :wikitext(args.outertitle)

        end

        if args.topimage then
            local imageCell = root:tag('tr'):tag('td')

            imageCell
                :addClass(cfg.i18n.class.top_image)
                :addClass(args.topimageclass)
                :cssText(args.topimagestyle)
                :wikitext(args.topimage)

            if args.topcaption then
                imageCell
                    :tag('div')
                        :addClass(cfg.i18n.class.top_capt
                        :cssText(args.topcaptionstyle)
                        :wikitext(args.topcaption)

            end
        end

        end

        if args.pretitle then
            root
                :tag('tr')
                    :tag('td')
                        :addClass(args.topimage and cfg.i
                        or cfg.i18n.class.pretitl
```

```

:addClass(args.pretitleclass)
:cssText(args.basestyle)
:cssText(args.pretitestyle)
:wikitext(args.pretitle)
end
else
root
:addClass(cfg.il8n.class.subgroup)
:addClass(args.bodyclass or args.class)
:cssText(args.bodystyle or args.style)
end
if args.title then
if child then
root
:wikitext(args.title)
else
root
:tag('tr')
:tag('th')
:addClass(args.pretitle and cfg.il8n.class.pretitle
or cfg.il8n.class.title)
:addClass(args.titleclass)
:cssText(args.basestyle)
:cssText(args.titlestyle)
:wikitext(args.title)
end
end
end
if args.image then
local imageCell = root:tag('tr'):tag('td')
imageCell
:addClass(cfg.il8n.class.image)
:addClass(args.imageclass)
:cssText(args.imagestyle)
:wikitext(args.image)
if args.caption then
imageCell
:tag('div')
:addClass(cfg.il8n.class.caption)
:cssText(args.captionstyle)
:wikitext(args.caption)
end
end
end
if args.above then
root
:tag('tr')
:tag('td')
:addClass(cfg.il8n.class.above)
:addClass(args.aboveclass)
:cssText(args.abovestyle)
newline() -- newline required for bullet
:wikitext(args.above)
end
end
local rowNums = {}
for k, v in pairs(args) do
k = ' ' .. k
local num = k:match('^heading(%d+)$') or k:match('^content(%d+)$')
if num then table.insert(rowNums, tonumber(num)) end
end
end
```

```
table.sort(rowNums)
-- remove duplicates from the list (e.g. 3 will be duplicated if both heading
-- and content3 are specified)
for i = #rowNums, 1, -1 do
    if rowNums[i] == rowNums[i - 1] then
        table.remove(rowNums, i)
    end
end

for i, num in ipairs(rowNums) do
    local heading = args['heading' .. num]
    if heading then
        root
            :tag('tr')
                :tag('th')
                    :addClass(cfg.i18n.class.heading)
                    :addClass(args.headingclass)
                    :addClass(args['heading' .. num
                    :cssText(args.basestyle)
                    :cssText(args.headingstyle)
                    :cssText(args['heading' .. num .
                    :newline()
                    :wikitext(heading)

        end

        local content = args['content' .. num]
        if content then
            root
                :tag('tr')
                    :tag('td')
                        :addClass(hasSubgroup(content) or cfg.i18n.class.content)
                        :addClass(args.contentclass)
                        :addClass(args['content' .. num
                        :cssText(args.contentstyle)
                        :cssText(args['content' .. num .
                        :newline()
                        :wikitext(content)
                        :done()
                        -- Without a linebreak after the </td>,
                        -- "* {{hlist| ...}}" doesn't parse correctly
                    :newline()

        end
    end

end

if args.below then
    root
        :tag('tr')
            :tag('td')
                :addClass(cfg.i18n.class.below)
                :addClass(args.belowclass)
                :cssText(args.belowstyle)
                :newline()
                :wikitext(args.below)
end

if not child then
    if args.navbar ~= cfg.i18n.navbar_none and args.navbar ~= cfg.i18n
    (args.name or frame:getParent():getTitle():gsub(cfg.i18n
    cfg.i18n.title_not_to_add_navbar) then
        root
            :tag('tr')
                :tag('td')
                    :addClass(cfg.i18n.class.navbar)
```

```

        :cssText(args.navbarstyle)
        :wikitext(require('Module:Navbar
            args.name,
            mini = 1,
            fontstyle = args.navbarfo
        })
    end
end

local base_templatestyles = frame:extensionTag{
    name = 'templatestyles', args = { src = cfg.il8n.templatestyles ]
}

local templatestyles = ''
if args['templatestyles'] and args['templatestyles'] ~= '' then
    templatestyles = frame:extensionTag{
        name = 'templatestyles', args = { src = args['templatesty
    }
end

local child_templatestyles = ''
if args['child templatestyles'] and args['child templatestyles'] ~= '' th
    child_templatestyles = frame:extensionTag{
        name = 'templatestyles', args = { src = args['child temp
    }
end

local grandchild_templatestyles = ''
if args['grandchild templatestyles'] and args['grandchild templatestyles'
    grandchild_templatestyles = frame:extensionTag{
        name = 'templatestyles', args = { src = args['grandchild
    }
end

return table.concat({
    base_templatestyles,
    templatestyles,
    child_templatestyles,
    grandchild_templatestyles,
    tostring(root),
    (child and cfg.il8n.category.child or ''),
    categorizeTemplatesWithInlineStyles(args)
})
end

local function list_title(args, is_centered_list_titles, num)

    local title_text = trimAndAddAutomaticNewline(args['list' .. num .. 'titl
        or cfg.il8n.default_list_title)

    local title
    if is_centered_list_titles then
        -- collapsible can be finicky, so provide some CSS/HTML to support
        title = mw.html.create('div')
            :addClass(cfg.il8n.class.list_title_centered)
            :wikitext(title_text)
    else
        title = mw.html.create()
            :wikitext(title_text)
    end

    local title_container = mw.html.create('div')
        :addClass(cfg.il8n.class.list_title)
        -- don't /need/ a listnumtitleclass because you can do
```

```
-- .templateclass .listnumclass .sidebar-list-title
:addClass(args.listtitleclass)
:cssText(args.basestyle)
:cssText(args.listtitlestyle)
:cssText(args['list' .. num .. 'titlestyle'])
:node(title)
:done()

return title_container
end

--[[
Main entry point for sidebar with collapsible lists.
Does the work of creating the collapsible lists themselves and including them
into the args.
]]
function p.collapsible(frame)
local args = getArgs(frame)
if not args.name and
    frame:getParent():getTitle():gsub(cfg.il8n.pattern.collapse_sandf,
    cfg.il8n.collapse_title_not_to_add_navbar) then
args.navbar = cfg.il8n.navbar_none
end

local contentArgs = {}

local is_centered_list_titles
if args['centered list titles'] and args['centered list titles'] ~= '' then
is_centered_list_titles = true
else
is_centered_list_titles = false
end

for k, v in pairs(args) do
local num = string.match(k, '^list(%d+)$')
if num then
local expand = args.expanded and
    (args.expanded == 'all' or args.expanded == args.navbar)
local row = mw.html.create('div')
row
        :addClass(cfg.il8n.class.list)
        :addClass('mw-collapsible')
        :addClass((not expand) and 'mw-collapsed' or nil)
        :addClass(args['list' .. num .. 'class'])
        :cssText(args.listframestyle)
        :cssText(args['list' .. num .. 'framestyle'])
        :node(list_title(args, is_centered_list_titles, num))
        :tag('div')
            :addClass(cfg.il8n.class.list_content)
            :addClass('mw-collapsible-content')
            -- don't /need/ a listnumstyleclass because
            -- .templatename .listnumclass .sidebar-list-title
            :addClass(args.listclass)
            :cssText(args.liststyle)
            :cssText(args['list' .. num .. 'style'])
            :wikitext(trimAndAddAutomaticNewline(args[k]))
        contentArgs['content' .. num] = tostring(row)
    end
end

for k, v in pairs(contentArgs) do
args[k] = v
end
end
```



```
        return p.sidebar(frame, args, cfg.i18n.class.collapse)
    end
    return p
```