Modul:Sidebar

Vorlage:Lua Vorlage:Uses TemplateStyles

This module implements the templates Vorlage:Tl and Vorlage:Tl. 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 M
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.i18n.pattern.uncategorized_conversion_title
		if title.text:match(pattern) then return '' end
	end

	for key, _ in pairs(args) do
		if mw.ustring.find(key, cfg.i18n.pattern.style_conversion) or key
			return cfg.i18n.category.conversion
		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.ustring.gsub(s, "^%s*(.-)%s*$", "%1")
	if mw.ustring.find(s, '^[#*:;]') or mw.ustring.find(s, '^{|') then
		return '\n' .. s
	else
		return s
	end
end

--[[
Finds whether a sidebar has a subgroup sidebar.
]]
local function hasSubgroup(s)
	if mw.ustring.find(s, cfg.i18n.pattern.subgroup) then
		return true
```

```
        else
                return false
        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 otherwis
                        :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

                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.pretitlestyle)
                                                :wikitext(args.pretitle)
                end
        else
                root
                        :addClass(cfg.i18n.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.i
                                                        or cfg.i18n.class.title)
                                                :addClass(args.titleclass)
                                                :cssText(args.basestyle)
                                                :cssText(args.titlestyle)
                                                :wikitext(args.title)
                end
        end

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

                imageCell
                        :addClass(cfg.i18n.class.image)
                        :addClass(args.imageclass)
                        :cssText(args.imagestyle)
                        :wikitext(args.image)

                if args.caption then
                        imageCell
                                :tag('div')
                                        :addClass(cfg.i18n.class.caption)
                                        :cssText(args.captionstyle)
                                        :wikitext(args.caption)
                end
        end

        if args.above then
                root
                        :tag('tr')
                                :tag('td')
                                        :addClass(cfg.i18n.class.above)
                                        :addClass(args.aboveclass)
                                        :cssText(args.abovestyle)
                                        :newline() -- newline required for bullet
                                        :wikitext(args.above)
        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
```

```
	table.sort(rowNums)
	-- remove duplicates from the list (e.g. 3 will be duplicated if both hea
	-- 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) ar
							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 cor
					:newline()
		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.i18
			(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.i18n.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 templ
                        }
                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.i18n.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.i18n.default_list_title)

                local title
                if is_centered_list_titles then
                        -- collapsible can be finicky, so provide some CSS/HTML to suppor
                        title = mw.html.create('div')
                                :addClass(cfg.i18n.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.i18n.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.i18n.pattern.collapse_sandb
                cfg.i18n.collapse_title_not_to_add_navbar then
                args.navbar = cfg.i18n.navbar_none
        end

        local contentArgs = {}

        local is_centered_list_titles
        if args['centered list titles'] and args['centered list titles'] ~= '' th
                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[
                        local row = mw.html.create('div')
                        row
                                :addClass(cfg.i18n.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, n
                                :tag('div')
                                        :addClass(cfg.i18n.class.list_content)
                                        :addClass('mw-collapsible-content')
                                        -- don't /need/ a listnumstyleclass becau
                                        -- .templatename .listnumclass .sidebar-l
                                        :addClass(args.listclass)
                                        :cssText(args.liststyle)
                                        :cssText(args['list' .. num .. 'style'])
                                        :wikitext(trimAndAddAutomaticNewline(args

                        contentArgs['content' .. num] = tostring(row)
                end
        end

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

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

return p
```