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Actions

Module:Pagetype

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.

Documentation for this module may be created at [Module:Pagetype/doc](#)

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---
-- Load config.
local cfg = mw.loadData('Module:Pagetype/config')

-- Load required modules.
local getArgs = require('Module:Arguments').getArgs
local yesno = require('Module:Yesno')
local nsDetectModule = require('Module:Namespace detect')
local nsDetect = nsDetectModule._main
local getParamMappings = nsDetectModule.getParamMappings
local getPageObject = nsDetectModule.getPageObject

local p = {}

local function shallowCopy(t)
    -- Makes a shallow copy of a table.
    local ret = {}
    for k, v in pairs(t) do
        ret[k] = v
    end
    return ret
end

local function checkPagetypeInput(namespace, val)
    -- Checks to see whether we need the default value for the given
namespace,
    -- and if so gets it from the pagetypes table.
    -- The yesno function returns true/false for "yes", "no", etc., and
returns
    -- val for other input.
    local ret = yesno(val, val)

```

```

    if ret and type(ret) ~= 'string' then
        ret = cfg.pagetypes[namespace]
    end
    return ret
end

local function getPagetypeFromClass(class, param, aliasTable, default)
    -- Gets the pagetype from a class specified from the first positional
    -- parameter.
    param = yesno(param, param)
    if param ~= false then -- No check if specifically disallowed.
        for _, alias in ipairs(aliasTable) do
            if class == alias then
                if type(param) == 'string' then
                    return param
                else
                    return default
                end
            end
        end
    end
end

end

end

local function getNsDetectValue(args)
    -- Builds the arguments to pass to [[Module:Namespace detect]] and
    returns
    -- the result.

    -- Get the default values.
    local ndArgs = {}
    local defaultns = args[cfg.defaultns]
    if defaultns == cfg.defaultnsAll then
        ndArgs = shallowCopy(cfg.pagetypes)
    else
        local defaultnsArray
        if defaultns == cfg.defaultnsExtended then
            defaultnsArray = cfg.extendedNamespaces
        elseif defaultns == cfg.defaultnsNone then
            defaultnsArray = {}
        else
            defaultnsArray = cfg.defaultNamespaces
        end
        for _, namespace in ipairs(defaultnsArray) do
            ndArgs[namespace] = cfg.pagetypes[namespace]
        end
    end

    --[[
    -- Add custom values passed in from the arguments. These overwrite
the
    -- defaults. The possible argument names are fetched from

```

```

-- Module:Namespace detect automatically in case new namespaces are
-- added. Although we accept namespace aliases as parameters, we only
pass
-- the local namespace name as a parameter to Module:Namespace
detect.
-- This means that the "image" parameter can overwrite defaults for
the
-- File: namespace, which wouldn't work if we passed the parameters
through
-- separately.
--]]
local mappings = getParamMappings()
for ns, paramAliases in pairs(mappings) do
returned from
-- Copy the aliases table, as # doesn't work with tables
-- mw.loadData.
paramAliases = shallowCopy(paramAliases)
local paramName = paramAliases[1]
-- Iterate backwards along the array so that any values for
the local
-- namespace names overwrite those for namespace aliases.
for i = #paramAliases, 1, -1 do
local paramAlias = paramAliases[i]
local ndArg = checkPagetypeInput(paramAlias,
args[paramAlias])
if ndArg == false then
-- If any arguments are false, convert them
to nil to protect
-- against breakage by future changes to
-- [[Module:Namespace detect]].
ndArgs[paramName] = nil
elseif ndArg then
ndArgs[paramName] = ndArg
end
end
end
end
-- Check for disambiguation-class and N/A-class pages in mainspace.
if ndArgs.main then
local class = args[1]
if type(class) == 'string' then
-- Put in lower case so e.g. "Dab" and "dab" will
both match.
class = mw.ustr.string.lower(class)
end
local dab = getPagetypeFromClass(
class,
args[cfg.dab],
cfg.dabAliases,
cfg.dabDefault
)
if dab then

```

```

        ndArgs.main = dab
    else
        local na = getPagetypeFromClass(
            class,
            args[cfg.na],
            cfg.naAliases,
            cfg.naDefault
        )
        if na then
            ndArgs.main = na
        end
    end
end
end
-- If there is no talk value specified, use the corresponding subject
-- namespace for talk pages.
if not ndArgs.talk then
    ndArgs.subjectns = true
end
-- Add the fallback value. This can also be customised, but it cannot
be
-- disabled.
local other = args[cfg.other]
-- We will ignore true/false/nil results from yesno here, but using
it
-- anyway for consistency.
other = yesno(other, other)
if type(other) == 'string' then
    ndArgs.other = other
else
    ndArgs.other = cfg.otherDefault
end
-- Allow custom page values.
ndArgs.page = args.page
return nsDetect(ndArgs)
end

local function detectRedirects(args)
    local redirect = args[cfg.redirect]
    -- The yesno function returns true/false for "yes", "no", etc., and
returns
    -- redirect for other input.
    redirect = yesno(redirect, redirect)
    if redirect == false then
        -- Detect redirects unless they have been explicitly
disallowed with
        -- "redirect=no" or similar.
        return
    end
    local pageObject = getPageObject(args.page)
    -- If we are using subject namespaces elsewhere, do so here as well.
    if pageObject

```

```

        and not yesno(args.talk, true)
        and args[cfg.defaultns] ~= cfg.defaultnsAll
    then
        pageObject = getPageObject(
            pageObject.subjectNsText .. ':' .. pageObject.text
        )
    end
    -- Allow custom values for redirects.
    if pageObject and pageObject.isRedirect then
        if type(redirect) == 'string' then
            return redirect
        else
            return cfg.redirectDefault
        end
    end
end

end

function p._main(args)
    local redirect = detectRedirects(args)
    if redirect then
        return redirect
    else
        return getNsDetectValue(args)
    end
end

end

function p.main(frame)
    local args = getArgs(frame)
    return p._main(args)
end

end

return p

```

Retrieved from "<https://www.bluegoldwiki.com/index.php?title=Module:Pagetype&oldid=1804>"

Namespaces

- [Module](#)
- [Discussion](#)

Variants

This page was last edited on 19 February 2020, at 09:51.

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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