

Modul:Namespace detect/data

Ausgabe: 17.06.2025

Letzte Änderung: 23.02.2022

Seite von

Modul:Namespace detect/data

This is a data page for [Module:Namespace detect](#) and [Module:Category handler/shared](#). It is loaded by the main module using mw.loadData, which means it is only processed once per page rather than once per #invoke.

```
--                                         Namespace detect data
-- This module holds data for [[Module:Namespace detect]] to be loaded per
-- page, rather than per #invoke, for performance reasons.

local cfg = require('Module:Namespace detect/config')

local function addKey(t, key, defaultKey)
    if key ~= defaultKey then
        t[#t + 1] = key
    end
end

-- Get a table of parameters to query for each default parameter name.
-- This allows wikis to customise parameter names in the cfg table while
-- ensuring that default parameter names will always work. The cfg table
-- values can be added as a string, or as an array of strings.

local defaultKeys = {
    'main',
    'talk',
    'other',
    'subjectns',
    'demospace',
    'demopage'
}

local argKeys = {}
for i, defaultKey in ipairs(defaultKeys) do
    argKeys[defaultKey] = {defaultKey}
end

for defaultKey, t in pairs(argKeys) do
    local cfgValue = cfg[defaultKey]
    local cfgValueType = type(cfgValue)
    if cfgValueType == 'string' then
        addKey(t, cfgValue, defaultKey)
    elseif cfgValueType == 'table' then
        for i, key in ipairs(cfgValue) do
            addKey(t, key, defaultKey)
        end
    end
    cfg[defaultKey] = nil -- Free the cfg value as we don't need it any more.
end
```

```

local function getParamMappings()
    --[
    -- Returns a table of how parameter names map to namespace names. The keys
    -- are the actual namespace names, in lower case, and the values are the
    -- possible parameter names for that namespace, also in lower case. The
    -- table entries are structured like this:
    --
    -- [
    --     [''] = {'main'},
    --     ['wikipedia'] = {'wikipedia', 'project', 'wp'},
    --     ...
    -- ]
    local mappings = {}
    local mainNsName = mw.site.subjectNamespaces[0].name
    mainNsName = mw.ustring.lower(mainNsName)
    mappings[mainNsName] = mw.clone(argKeys.main)
    mappings['talk'] = mw.clone(argKeys.talk)
    for nsid, ns in pairs(mw.site.subjectNamespaces) do
        if nsid ~= 0 then -- Exclude main namespace.
            local nsname = mw.ustring.lower(ns.name)
            local canonicalName = mw.ustring.lower(ns.canonicalName)
            mappings[nsname] = {nsname}
            if canonicalName ~= nsname then
                table.insert(mappings[nsname], canonicalName)
            end
            for _, alias in ipairs(ns.aliases) do
                table.insert(mappings[nsname], mw.ustring.lower(alias))
            end
        end
    end
    return mappings
end

return {
    argKeys = argKeys,
    cfg = cfg,
    mappings = getParamMappings()
}

```