

Modul:TNTTools

Contains functions linked to [Module:TNT](#), which at the same time make calls to multilingual tables, located in Commons, for the creation of [modules and multilingual templates](#).

TNTTools has:

- **Question functions:** with boolean or numerical indexed return. To be called from other modules or from templates. With:
 - Case sensitive option.
 - Possibility of **more than one translated text value** (where each value is separated by "|").
- To put aside write, adding "I18n/" as a prefix and ".tab" extension as a suffix for the table names.

```
local p = {}

local TNT = require('Module:TNT')
--local SD = require('Module:SimpleDebug')

function p.TNTTabFull (TNTTab)
    if (string.sub(TNTTab, 1, 5)) ~= 'I18n/' then
        TNTTab = 'I18n/'..TNTTab
    end
    if (string.sub(TNTTab, string.len(TNTTab)-3)) ~= '.tab' then
        TNTTab = TNTTab..'tab'
    end
    return TNTTab
end --TNTTabFull

function p.TNTTabCommons (TNTTab)
    return 'Commons:Data: '..p.TNTTabFull(TNTTab)
end

function p.LnkTNTTab (TNTTab)
    return '[[ '..p.TNTTabCommons(TNTTab)..']]'
end

function I18nStr (TNTTab, S, IsMsg, params)
    TNTTab = p.TNTTabFull (TNTTab)
    local SEnd = TNT.format(TNTTab, S, unpack(params)) or ''
    if SEnd == '' then
        SEnd = TNT.formatInLanguage('en', TNTTab, S, unpack(params))
        if IsMsg then
            local icon = '[[File:Arbcom ru editing.svg|12px|Not found]]'
            SEnd = SEnd..icon
        end
    end
    return SEnd
end --I18nStr

function p.GetMsgP (TNTTab, S, ...)
    return I18nStr (TNTTab, S, true, {...})
end
```



```
function p.GetStrP (TNNTab, S, ...)
    return I18nStr (TNNTab, S, false, {...})
end

function p.TabTransCS (TNNTab, S, CaseSensitive)
    CaseSensitive = ((CaseSensitive ~= nil) and (CaseSensitive == true)) or false
    local Wds = TNT.format (p.TNNTabFull(TNNTab), S)
    if not CaseSensitive then
        Wds = string.lower (Wds)
    end
    return mw.text.split (Wds, '|')
end --TabTransCS

function p.TabTransMT (TNNTab, S, MaxTrans)
    local FN = p.TNNTabFull(TNNTab)
    local tab = mw.text.split (TNT.format (FN, S), '|')
    if #tab > MaxTrans then
        error (string.format('Found %s translations for "%s". Search in |
                                -- Translation not required
                                '))
    end
    return tab
end --TabTransMT

function p.SFoundInTNTArr (TNNTab, val, CaseSensitive, S)
    if (S == nil) or (S == '') then
        error('Not arguments trying to find "'.val..'"') --It doesn't re
    end
    local Arr = p.TabTransCS (TNNTab, S, CaseSensitive)
    if not CaseSensitive then
        val = string.lower (val)
    end
    for I, W in ipairs(Arr) do
        if W == val then
            return true
        end
    end
    return false
end --SFoundInTNTArr

function p.IdxFromTabTrans (TNNTab, val, CaseSensitive, ...)
    local Arr = unpack(arg)
    if Arr == nil then
        error('Not arguments trying to find "'.val..'"') --It doesn't re
    end
    local Idx = 0
    for I, W in ipairs(Arr) do
        if p.SFoundInTNTArr (TNNTab, val, CaseSensitive, W) then
            Idx = I
            break
        end
    end
    return Idx
end --IdxFromTabTrans

return p
```