

Toggle menu  
Blue Gold Program Wiki

## Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

## Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)

## Personal tools

- [Log in](#)

## personal-extra

Toggle search

Search

Random page

## Views

- [View](#)
- [View source](#)
- [History](#)
- [PDF Export](#)

## Actions

# Module:Check for unknown parameters

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:Check for unknown parameters/doc](#)*

```

-- This module may be used to compare the arguments passed to the parent
-- with a list of arguments, returning a specified result if an argument is
-- not on the list
local p = {}

local function trim(s)
    return s:match('^%s*(.)%s*$')
end

local function isnotempty(s)
    return s and s:match('%S')
end

local function clean(text)
    -- Return text cleaned for display and truncated if too long.
    -- Strip markers are replaced with dummy text representing the
original wikitext.
    local pos, truncated
    local function truncate(text)
        if truncated then
            return ''
        end
        if mw.ustring.len(text) > 25 then
            truncated = true
            text = mw.ustring.sub(text, 1, 25) .. '...'
        end
        return mw.text.nowiki(text)
    end
    local parts = {}
    for before, tag, remainder in text:gmatch('([^\127]*)\127[^\127]*%-(%l+)%- [^\127]*\127()') do
        pos = remainder
        table.insert(parts, truncate(before) .. '&lt;' .. tag ..
'&gt;...&lt;/' .. tag .. '&gt;')
    end
    table.insert(parts, truncate(text:sub(pos or 1)))
    return table.concat(parts)
end

function p._check(args, pargs)
    if type(args) ~= "table" or type(pargs) ~= "table" then
        -- TODO: error handling
        return
    end

    -- create the list of known args, regular expressions, and the return
string
    local knownargs = {}
    local regexps = {}
    for k, v in pairs(args) do
        if type(k) == 'number' then

```

```

        v = trim(v)
        knownargs[v] = 1
    elseif k:find('^regexp[1-9][0-9]*$') then
        table.insert(regexps, '^' .. v .. '$')
    end
end
end

-- loop over the parent args, and make sure they are on the list
local ignoreblank = isnotempty(args['ignoreblank'])
local showblankpos = isnotempty(args['showblankpositional'])
local values = {}
for k, v in pairs(pargs) do
    if type(k) == 'string' and knownargs[k] == nil then
        local knownflag = false
        for _, regexp in ipairs(regexps) do
            if mw.ustring.match(k, regexp) then
                knownflag = true
                break
            end
        end
        if not knownflag and ( not ignoreblank or
isnotempty(v) ) then
            table.insert(values, clean(k))
        end
    elseif type(k) == 'number' and
        knownargs[tostring(k)] == nil and
        ( showblankpos or isnotempty(v) )
    then
        table.insert(values, k .. ' = ' .. clean(v))
    end
end

-- add results to the output tables
local res = {}
if #values > 0 then
    local unknown_text = args['unknown'] or 'Found _VALUE_, '
    if mw.getCurrentFrame():preprocess( "{{REVISIONID}}" ) == ""
then
        local preview_text = args['preview']
        if isnotempty(preview_text) then
            preview_text = require('Module:If
preview')._warning({preview_text})
        elseif preview == nil then
            preview_text = unknown_text
        end
        unknown_text = preview_text
    end
    for _, v in pairs(values) do
        -- Fix odd bug for | = which gets stripped to the
empty string and

```

```

-- breaks category links
if v == '' then v = ' ' end

-- avoid error with v = 'example%2' ("invalid capture
index")

local r = unknown_text:gsub('_VALUE_', {_VALUE_ = v})
table.insert(res, r)

end
end

return table.concat(res)
end

function p.check(frame)
local args = frame.args
local pargs = frame:getParent().args
return p._check(args, pargs)
end

return p

```

Retrieved from

"[https://www.bluegoldwiki.com/index.php?title=Module:Check\\_for\\_unknown\\_parameters&oldid=5865](https://www.bluegoldwiki.com/index.php?title=Module:Check_for_unknown_parameters&oldid=5865)"

## Namespaces

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

## Variants

This page was last edited on 16 September 2021, at 03:57.

## 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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