Modul:Effective protection expiry

This module provides a way to retrieve the expiry of a restriction over a given action on a page.

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Usage

This module will use up to 1 expensive parser function call each time it is ran. It will not use any if Module:Effective protection level was already called.

From other modules

To load this module:

```
local effectiveProtectionExpiry = require('Module:Effective protection expiry').
```

The function accepts two parameters. The first is a string containing the action to check, which must be one of "edit", "create", "move", "upload", or "autoreview". The second is optional, and can either be the name of the page to check, or a title returned from the mw.title functions. If the second parameter is omitted, the page being displayed is the one checked against.

The return value is either a date string in `YY-MM-DDThh:mm:ss` format, or one of the following strings:

- `infinity` - for pages protected indefinitely, or pages which exist and are not protected
- `unknown` - for pages where the expiry is unknown, or pages which do not exist and are not protected

Note that if an existing page is not protected for the requested action, this will return 'infinity'. You need to check separately with Module:Effective protection level.

From wikitext

The parameters are the same as when it is called directly.

```
Vorlage:Tlinv
```

See also

- Module:Effective protection level

```
local p = {}

-- Returns the expiry of a restriction of an action on a given title, or unknown
-- If no title is specified, the title of the page being displayed is used.
function p._main(action, pagename)
	local title
	if type(pagename) == 'table' and pagename.prefixedText then
		title = pagename
	elseif pagename then
		title = mw.title.new(pagename)
	else
		title = mw.title.getCurrentTitle()
	end
	pagename = title.prefixedText
	if action == 'autoreview' then
		local stabilitySettings = mw.ext.FlaggedRevs.getStabilitySettings
		return stabilitySettings and stabilitySettings.expiry or 'unknown
	elseif action ~= 'edit' and action ~= 'move' and action ~= 'create' and a
		error( 'First parameter must be one of edit, move, create, upload
	end
	local rawExpiry = mw.getCurrentFrame():callParserFunction('PROTECTIONEXPI
	if rawExpiry == 'infinity' then
		return 'infinity'
	elseif rawExpiry == '' then
		return 'unknown'
	else
		local year, month, day, hour, minute, second = rawExpiry:match(
			'^(%d%d%d%d)(%d%d)(%d%d)(%d%d)(%d%d)(%d%d)$'
		)
		if year then
			return string.format(
				'%s-%s-%sT%s:%s:%s',
				year, month, day, hour, minute, second
			)
		else
			error('internal error in Module:Effective protection expi
		end
	end
end

setmetatable(p, { __index = function(t, k)
	return function(frame)
		return t._main(k, frame.args[1])
	end
end })

return p
```