

Contents

1. Reference:BlueSpiceReadConfirmation	2
2. Category:Extension	4
3. GPL-3.0-only	10
4. Manual:Extension/BlueSpiceReadConfirmation	10
5. Reference:BlueSpiceNamespaceManager	13
6. Reference:BlueSpicePageAssignments	15
7. Reference:FlaggedRevs	19

Reference:BlueSpiceReadConfirmation

Extension: BlueSpiceReadConfirmation

→ [all extensions](#)

Overview			
Description:	Extension to collect read confirmations for a page		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL-3.0-only
Type:	BlueSpice	Category:	Quality Assurance
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud	Version:	4.1+
? View user help page			

Features

ReadConfirmation asks for confirmation that a page has been read by users who have a [page assignment](#) for that page.

When the feature is enabled for a namespace through the [NamespaceManager](#), users who are assigned to a page see a checkbox at the top of the page. By clicking the checkbox, they confirm that the page has been read.

Page approval and read confirmation

If a namespace has the feature [Approval](#) activated at the same time, the read confirmation is triggered if a new draft page has been created. This can be changed server-side using LocalSettings.php. If a read confirmation should be triggered after the page has been approved and not when the draft is created, the following setting needs to exist:

```
$GLOBALS['bsgReadConfirmationMechanism'] =  
"\\BlueSpice\\FlaggedRevsConnector\\ReadConfirmation\\Mechanism\\PageApproved::  
factory";
```

Technical Information

This information applies to BlueSpice 4. Technical details for BlueSpice Cloud can differ in some cases.

Requirements

MediaWiki: 1.36.0
BlueSpiceFoundation: 4.1

- BlueSpicePageAssignments: 4.1

Integrates into

- BlueSpiceDiscovery
- BlueSpicePrivacy
- UnifiedTaskOverview

Special pages

Permissions

Name	Description	Role
readconfirmationremind	Remind users that they have to confirm to have read the page	admin, maintenanceadmin
readconfirmationviewconfirmations	View the status of read confirmations	admin, maintenanceadmin, structureadmin

Configuration

Name	Value
Mechanism	'BlueSpice\\ReadConfirmation\\Mechanism\\NonMinorEdit::factory'
PageApprovedReminderDelay	168

API Modules

- bs-readconfirmation-tasks

Hooks

- [BSApiExtJStoreBaseBeforePostProcessData](#)
- [BSApiNamespaceStoreMakeData](#)
- [BSPageAssignmentsManager](#)
- [BSPageAssignmentsOverview](#)
- [BSPageStoreDataProviderBeforeAppendRow](#)
- [BeforePageDisplay](#)
- [LoadExtensionSchemaUpdates](#)
- [NamespaceManager::editNamespace](#)
- [NamespaceManager::getMetaFields](#)
- [NamespaceManagerBeforePersistSettings](#)
- [PageSaveComplete](#)
- [SkinTemplateNavigation::Universal](#)
- [StandardDialogsRegisterPageInfoPanelModules](#)
- [UnifiedTaskOverviewGetTaskDescriptors](#)
- [UserMergeAccountFields](#)

Accessibility

Test status:	2-testing complete
Checked for:	Web
Last test date:	2022-08-08
WCAG level:	AA
WCAG support:	supports
Comments:	Screenreader: small issue in NVDA (works in JAWS): warning box heading is not announced, because focus is on input box. Therefore, there is a minor lack of context. erm:25475
Extension type:	core
Extension focus:	reader

Category:Extension

Extensions that are bundled with one or more BlueSpice pro editions.

Pages in category "Extension"

The following 200 pages are in this category, out of 214 total.

(previous page) ([next page](#))

A

- [Reference:Arrays](#)
- [Reference:AtMentions](#)
- [Reference:Auth remoteuser](#)

B

- [Reference:BlueSpiceAbout](#)
- [Reference:BlueSpiceArticleInfo](#)
- [Reference:BlueSpiceArticlePreviewCapture](#)
- [Reference:BlueSpiceAvatars](#)
- [Reference:BlueSpiceBookshelf](#)
- [Reference:BlueSpiceCategoryCheck](#)
- [Reference:BlueSpiceCategoryManager](#)
- [Reference:BlueSpiceChecklist](#)
- [Reference:BlueSpiceCloudClient](#)
- [Reference:BlueSpiceConfigManager](#)
- [Reference:BlueSpiceContextMenu](#)
- [Reference:BlueSpiceCountThings](#)
- [Reference:BlueSpiceCustomMenu](#)
- [Reference:BlueSpiceDashboards](#)
- [Reference:BlueSpiceDiscovery](#)
- [Reference:BlueSpiceDistributionConnector](#)
- [Reference:BlueSpiceDrawioConnector](#)
- [Reference:BlueSpiceEchoConnector](#)
- [Reference:BlueSpiceEmoticons](#)
- [Reference:BlueSpiceExpiry](#)
- [Reference:BlueSpiceExportTables](#)
- [Reference:BlueSpiceExtendedFilelist](#)
- [Reference:BlueSpiceExtendedSearch](#)
- [Reference:BlueSpiceExtendedStatistics](#)
- [Reference:BlueSpiceFilterableTables](#)
- [Reference:BlueSpiceFlaggedRevsConnector](#)
- [Reference:BlueSpiceFoundation](#)
- [Reference:BlueSpiceGroupManager](#)
- [Reference:BlueSpiceHideTitle](#)
- [Reference:BlueSpiceInsertCategory](#)
- [Reference:BlueSpiceInsertFile](#)
- [Reference:BlueSpiceInsertLink](#)
- [Reference:BlueSpiceInsertMagic](#)
- [Reference:BlueSpiceInsertTemplate](#)
- [Reference:BlueSpiceInstanceStatus](#)

- [Reference:BlueSpiceInterWikiLinks](#)
- [Reference:BlueSpiceInterwikiSearch](#)
- [Reference:BlueSpiceMultiUpload](#)
- [Reference:BlueSpiceNamespaceManager](#)
- [Reference:BlueSpiceNSFileRepoConnector](#)
- [Reference:BlueSpicePageAccess](#)
- [Reference:BlueSpicePageAssignments](#)
- [Reference:BlueSpicePageFormsConnector](#)
- [Reference:BlueSpicePagesVisited](#)
- [Reference:BlueSpicePageTemplates](#)
- [Reference:BlueSpicePermissionManager](#)
- [Reference:BlueSpicePlayer](#)
- [Reference:BlueSpicePrivacy](#)
- [Reference:BlueSpiceProDistributionConnector](#)
- [Reference:BlueSpiceQrCode](#)
- [Reference:BlueSpiceRating](#)
- [Reference:BlueSpiceReadConfirmation](#)
- [Reference:BlueSpiceReaders](#)
- [Reference:BlueSpiceReminder](#)
- [Reference:BlueSpiceRSSFeeder](#)
- [Reference:BlueSpiceSaferEdit](#)
- [Reference:BlueSpiceSignHere](#)
- [Reference:BlueSpiceSmartList](#)
- [Reference:BlueSpiceSMWConnector](#)
- [Reference:BlueSpiceSocial](#)
- [Reference:BlueSpiceSocialBlog](#)
- [Reference:BlueSpiceSocialComments](#)
- [Reference:BlueSpiceSocialMicroBlog](#)
- [Reference:BlueSpiceSocialProfile](#)
- [Reference:BlueSpiceSocialRating](#)
- [Reference:BlueSpiceSocialResolve](#)
- [Reference:BlueSpiceSocialTags](#)
- [Reference:BlueSpiceSocialTimelineUpdate](#)
- [Reference:BlueSpiceSocialTopics](#)
- [Reference:BlueSpiceSocialWatch](#)
- [Reference:BlueSpiceTagCloud](#)
- [Reference:BlueSpiceUEModuleBookPDF](#)
- [Reference:BlueSpiceUEModuleDOCX](#)
- [Reference:BlueSpiceUEModuleHTML](#)
- [Reference:BlueSpiceUEModulePDF](#)
- [Reference:BlueSpiceUEModulePDFRecursive](#)
- [Reference:BlueSpiceUEModulePDFSubpages](#)
- [Reference:BlueSpiceUEModuleTable2Excel](#)
- [Reference:BlueSpiceUniversalExport](#)
- [Reference:BlueSpiceUsageTracker](#)
- [Reference:BlueSpiceUserInfo](#)
- [Reference:BlueSpiceUserManager](#)
- [Reference:BlueSpiceUserSidebar](#)
- [Reference:BlueSpiceVisualEditorConnector](#)

- [Reference:BlueSpiceWatchList](#)
- [Reference:BlueSpiceWebDAVClientIntegration](#)
- [Reference:BlueSpiceWebDAVMinorSave](#)
- [Reference:BlueSpiceWholsOnline](#)
- [Reference:BlueSpiceWikiExplorer](#)
- [Reference:BlueSpiceWikiFarm](#)

C

- [Reference:CategoryTree](#)
- [Reference:Checklists](#)
- [Reference:Cite](#)
- [Reference:CiteThisPage](#)
- [Reference:CodeEditor](#)
- [Reference:CodeMirror](#)
- [Reference:CognitiveProcessDesigner](#)
- [Reference:ConfirmAccount](#)
- [Reference:ConfirmEdit](#)
- [Reference:ContainerFilter](#)
- [Reference:ContentDroplets](#)
- [Reference:ContentProvisioning](#)
- [Reference:ContentStabilization](#)
- [Reference:ContentTransfer](#)
- [Reference:CreateUserPage](#)

D

- [Reference:Data Transfer](#)
- [Reference:DateTimeTools](#)
- [Reference:DrawioEditor](#)
- [Reference:DynamicPageList3](#)

E

- [Reference:Echo](#)
- [Reference:EmbedVideo](#)
- [Reference:EmbedVideo \(fork\)](#)
- [Reference:EnhancedUpload](#)
- [Reference:EventBus](#)
- [Reference:External Data](#)
- [Reference:ExtJSBase](#)

F

- [Reference:FilterSpecialPages](#)
- [Reference:FlaggedRevs](#)
- [Reference:FlexiSkin](#)
- [Reference:FontAwesome](#)
- [Reference:Forms](#)

G

- [Reference:Gadgets](#)

H

- [Template:Hdsk PT Extension HW](#)
- [Template:Hdsk PT Extension MW](#)
- [Reference:Header Tabs](#)
- [Reference:HeaderFooter](#)
- [Reference:HitCounters](#)

I

- [Reference:ImageMap](#)
- [Reference:ImageMapEdit](#)
- [Reference:ImportOfficeFiles](#)
- [Reference:InputBox](#)
- [Reference:Interwiki](#)
- [Reference:InviteSignup](#)

L

- [Reference:LDAP Authorization](#)
- [Reference:LDAPAuthentication2](#)
- [Reference:LDAPGroups](#)
- [Reference:LDAPProvider](#)
- [Reference:LDAPSynAll](#)
- [Reference:LDAPUserInfo](#)
- [Reference:Lingo](#)
- [Reference:LocalisationUpdate](#)
- [Reference>LoginNotify](#)
- [Reference:Loops](#)

M

- [Reference:Maps](#)
- [Reference:Math](#)
- [Reference:MediaWiki](#)
- [Reference:MenuEditor](#)
- [Reference:MergeArticles](#)
- [Reference:MultimediaViewer](#)

N

- [Reference:NSFileRepo](#)
- [Reference:Nuke](#)

O

- [Reference:OATHAuth](#)
- [Reference:OOJSPlus](#)
- [Reference:OpenID Connect](#)
- [Reference:OpenLayers](#)

P

- [Reference:Page Forms](#)
- [Reference:PageCheckout](#)
- [Reference:PageHeader](#)
- [Reference:PageImages](#)
- [Reference:ParserFunctions](#)
- [Reference:ParserHooks](#)
- [Reference:PDFEmbed](#)
- [Reference:PdfHandler](#)
- [Reference:PluggableAuth](#)
- [Reference:Poem](#)
- [Reference:Popups](#)
- [Reference:PreToClip](#)

R

- [Archive:Reference:BlueSpiceCalumma](#)
- [Archive:Reference:BlueSpiceLatexRenderer](#)
- [Archive:Reference:BlueSpiceMatomoConnector](#)
- [Archive:Reference:BlueSpiceNamespaceCSS](#)
- [Archive:Reference:BlueSpiceSocialWikiPage](#)
- [Archive:Reference:Bootstrap](#)
- [Archive:Reference:Chameleon](#)
- [Reference:Renameuser](#)
- [Reference:Replace Text](#)
- [Reference:RevisionSlider](#)
- [Reference:RSS](#)

S

- [Reference:Scribunto](#)
- [Reference:SectionAnchors](#)
- [Reference:SecureLinkFixer](#)
- [Reference:Semantic Compound Queries](#)
- [Reference:Semantic Extra Special Properties](#)
- [Reference:Semantic MediaWiki](#)
- [Reference:Semantic Result Formats](#)
- [Reference:Semantic Scribunto](#)
- [Reference:SimpleSAMLphp](#)
- [Reference:SimpleTasks](#)
- [Reference:SpamBlacklist](#)

- [Reference:StandardDialogs](#)
- [Reference:SubPageList](#)
- [Reference:SyntaxHighlight](#)

T

- [Reference:TabberNeue](#)
- [Reference:TemplateData](#)
- [Reference:TemplateStyles](#)
- [Reference:TextExtracts](#)
- [Reference:TitleBlacklist](#)

(previous page) ([next page](#))

GPL-3.0-only

Redirect to:

- [GPL v3](#)

Read confirmation

Namespaces can be configured so that a read confirmation is requested from users that assigned to a page when a page has a new version. A confirmation prompt will then appear for all assigned users.

Contents

1	Activating read confirmations	11
2	Confirmation requests	11
3	Administration of read confirmations	11
4	Read confirmations and page approvals	12
5	Related info	12

Activating read confirmations

An administrator must enable read confirmations in the [Namespace manager](#):

Namespace manager

+

⚙

×

Export table ▾

ID	Namespace	Pages	Subpages	Content namespace	CategoryCheck	Secured page assignments	PageTemplates	Visual editor	Rating	Recommendations	Read Confirmation	Semantic MediaWiki	FlaggedRevs	Actions
0	(Pages)	51	✓	✓	✗	✗	✓	✓	✗	✗	✓	✓	✗	⚙ Edit
1	Talk	46	✓	✗	✗	—	—	✗	—	—	✗	✗	✗	
2	User	12	✓	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	

Namespace manager

Confirmation requests

After a page revision, the read confirmation message box is displayed to the assigned users. After checking the "Yes, I have completely read this page" checkbox, the page will be marked as read by this user.

Read confirmation

☐ Yes, I have completely read this page.

VH

Sales process

Last edited one day ago
by WikiSysop

Sales process



This page is approved

Read confirmation request

Administration of read confirmations

Wiki admins (*admin*, *maintenanceadmin*, *structuremanager* roles) can see an overview of all read confirmations on the [Assignments management](#) page.

Assignment management			
 		Export table ▾	
Pagetitle	Assignments	Read?	Actions
Main Page	 Vhoesl	Disabled	    
Template:Userpage standard content	No assignments	Disabled	
VH:Newpage	 Florian Bäckmann		

Assignments manager with read confirmation info

Read confirmation information is shown in the columns *Read?* and *Actions*.

- *Read confirmation not enabled*: BlueSpiceReadConfirmation is not enabled for the namespace to which the page belongs.
- *Not read*: Not all assigned users have read the page.
- *Read*: All assigned users have read the page.
- *Actions*: In the columns for actions, there are two items related to read confirmations.
 - (1) *Read confirmation log*: Link to the read confirmation log for the page.
 - (2) *Request read confirmation*: Users get a reminder for their read confirmation.
 - (3) *View the status of read confirmations (eye icon)*: A list of assigned users and the status of their read confirmations.



Read confirmations and page approvals

If the approval feature is activated in a namespace at the same time, the read confirmation is triggered when a new draft is created. This [can be changed via server configuration](#) so that the read confirmation is required after the draft page has been approved.

Related info

- [Page assignments](#)

Reference:BlueSpiceNamespaceManager

Extension: BlueSpiceNamespaceManager

[→ all extensions](#)

Overview			
Description:	Administration interface for adding, editing and deleting namespaces		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL-3.0-only
Type:	BlueSpice	Category:	Administration
Edition:	BlueSpice pro, BlueSpice free, BlueSpice Farm, BlueSpice Cloud	Version:	4.1+
? View user help page			

Features

NamespaceManager allows to manage all [namespaces](#) in the wiki. The NamespaceManager is visible for users with admin permissions. The following actions are possible

- Creating a namespace
- Editing a namespace
- Deleting a namespace
- Turning features for a namespace on or off :
 - [Subpages](#): Activates the use of subpages, which introduce some hierarchical organization into wiki pages.
 - [Content namespace](#): Contents from this namespace will be prioritized in the search results.
 - [Category check](#): Warns users on page save that a page has no associated category.
 - [Secured page assignments](#): Only assigned users can edit pages. By default, only users with *reviewer* or *admin* role can assign users. If pages are created by users with only edit rights, they cannot edit the new page after saving it unless they are later assigned to that page.
 - [Page templates](#): allows page templates to be used.
 - [Visual editor](#): activates VisualEditor.
 - [Rating](#): displays a star-based rating option with the page title.

- [Recommendations](#): displays a recommendations icon next to the page title.
- [Read Confirmation](#): users that are assigned to this page need to confirm when they have read the page.
- [Semantic MediaWiki](#): activates Semantic MediaWiki.
- [Approval](#): creates draft and approved versions of pages.
- Sorting, filtering, and exporting of the table grid

Technical Information

This information applies to BlueSpice 4. Technical details for BlueSpice Cloud can differ in some cases.

Requirements

MediaWiki: 1.36.0
BlueSpiceFoundation: 4.1

Integrates into

Special pages

- [NamespaceManager](#)

Permissions

Name	Description	Role
namespacemanager-viewspecialpage	Access to the special page Special: NamespaceManager	admin, maintenanceadmin, structuremanager

Configuration

Name	Value
NamespaceManagerNsOffset	2999

API Modules

- [bs-namespace-store](#)
- [bs-namespace-tasks](#)

Hooks

- [LoadExtensionSchemaUpdates](#)

- [MWStakeCommonUIRegisterSkinSlotComponents](#)
- [MWStakeDynamicConfigRegisterConfigs](#)
- [NamespaceManager::editNamespace](#)
- [NamespaceManagerBeforePersistSettings](#)

Accessibility

Test status:	2-testing complete
Checked for:	Web, Authoring tool
Last test date:	2022-08-05
WCAG level:	AA
WCAG support:	partially supports (workaround: no)
Comments:	keyboard access works. Screenreader: Extjs: Pagination in grids not announcing button labels at top and pagination buttons at bottom; switching between browse/focus modes enables finding out how many pages there are and moving to the next page. erm:27716
Extension type:	core
Extension focus:	admin

Reference:BlueSpicePageAssignments

Extension: BlueSpicePageAssignments

→ [all extensions](#)

Overview			
Description:	Enables you to assign users or groups to a page		
State:	stable	Dependency:	BlueSpice

Overview			
Developer:	HalloWelt	License:	GPL-3.0-only
Type:	BlueSpice	Category:	Quality Assurance
Edition:	BlueSpice pro, BlueSpice free, BlueSpice Farm, BlueSpice Cloud	Version:	4.1+
? View user help page			

Features

PageAssignments allows to assign pages to single users or user groups. Assigned users are notified about assignment changes via email or internal notifications.

- Assign responsible users to a page.
- Assign individual users or groups.
- The responsible editor(s) for the page can be viewed in the flyout "Page assignments" in the quality management tools.
- Users can view their assignments on the page *Special:PageAssignments*.
- Users with *admin*, *maintenanceadmin* or *reviewer* rights can manage all assignments on the page *Special:ManagePageAssignments*.
- Assigned users can be shown directly in the title area of the page if the default setting is changed to:

```
$GLOBALS['bsgPageAssignmentsPageHeaderLimit'] = 25;
```

Assign all users (with option to exclude some users)

To activate the option to assign all users to a page, a group *everyone* can be created. For this, the following code needs to be set in `<bluespice-installationpath>/extensions/BlueSpicePageAssignments/extension.json`:

```
"PageAssignmentsActivatedTypes": {
    "value": [
        "user",
        "group",
        "everyone"
    ]
},
```

This allows users to add the group everyone to a page assignment. Individual users can be excluded from the assignment by creating the file *MediaWiki:PageAssignments-everyone-blacklist*. Users can be added to this blacklist with using line breaks.

Technical Information

This information applies to BlueSpice 4. Technical details for BlueSpice Cloud can differ in some cases.

Requirements

MediaWiki: 1.39.0
BlueSpiceFoundation: 4.1

Integrates into

- BlueSpiceExtendedStatistics
- BlueSpicePageAssignments
- BlueSpicePrivacy
- BlueSpiceSMWConnector

Special pages

- ManagePageAssignments
- PageAssignments

Permissions

Name	Description	Role
pageassignable	Appear in the list of assignable users	reader, admin, author, editor, maintenanceadmin, reviewer
pageassignments	Edit the assignments of a page	admin, maintenanceadmin, reviewer

Configuration

Name	Value
PageAssignmentsActivatedTypes	array (0 => 'user', 1 => 'group',)
PageAssignmentsLockdownGroups	array (0 => 'user',)
PageAssignmentsPageHeaderLimit	3
PageAssignmentsSecureEnabledNamespaces	array ()

Name	Value
PageAssignmentsSecureRemoveRightList	array (0 => 'edit',)
PageAssignmentsTarget	'title'
PageAssignmentsUseAdditionalPermissions	false

User options

Name	Value
echo-subscriptions-email-bs-pageassignments-action-cat	true
echo-subscriptions-web-bs-pageassignments-action-cat	true

API Modules

- [bs-mypageassignment-store](#)
- [bs-pageassignable-store](#)
- [bs-pageassignment-store](#)
- [bs-pageassignment-tasks](#)

Hooks

- [ArticleDeleteComplete](#)
- [BSApiNamespaceStoreMakeData](#)
- [BSBookshelfBookManager](#)
- [BSBookshelfManagerGetBookDataRow](#)
- [BSDashboardsUserDashboardPortalConfig](#)
- [BSDashboardsUserDashboardPortalPortlets](#)
- [BSGroupManagerGroupDeleted](#)
- [BSGroupManagerGroupNameChanged](#)
- [BSUEModulePDFcollectMetaData](#)
- [BSUsageTrackerRegisterCollectors](#)
- [BSUserManagerAfterDeleteUser](#)
- [BSUserManagerAfterSetGroups](#)
- [BeforePageDisplay](#)
- [BlueSpiceDiscoveryTemplateDataProviderAfterInit](#)
- [ChameleonSkinTemplateOutputPageBeforeExec](#)
- [ContentStabilizationStablePointAdded](#)
- [ContentStabilizationStablePointUpdated](#)
- [EchoGetDefaultNotifiedUsers](#)
- [LoadExtensionSchemaUpdates](#)
- [MWStakeCommonUIRegisterSkinSlotComponents](#)
- [MergeAccountFromTo](#)
- [NamespaceManager::editNamespace](#)
- [NamespaceManager::getMetaFields](#)

- [NamespaceManagerBeforePersistSettings](#)
- [PageMoveComplete](#)
- [SkinTemplateNavigation::Universal](#)
- [StandardDialogsRegisterPageInfoPanelModules](#)
- [WikiExplorer::buildDataSets](#)
- [WikiExplorer::getColumnDefinitions](#)
- [WikiExplorer::getFieldDefinitions](#)
- [WikiExplorer::queryPagesWithFilter](#)

Accessibility

Test status:	2-testing complete
Checked for:	Web, Authoring tool
Last test date:	2022-08-08
WCAG level:	AA
WCAG support:	partially supports (workaround: no)
Comments:	known extjs grid issues erm:25456
Extension type:	core
Extension focus:	organizer

Reference:FlaggedRevs

Extension: FlaggedRevs

→ [all extensions](#)

Overview			
Description:	Allows for article content management by editors and reviewers.		
State:	stable	Dependency:	MediaWiki
Developer:	Aaron Schulz, Joerg Baach	License:	-
Type:	MediaWiki	Category:	Quality Assurance
	BlueSpice pro, BlueSpice Farm,		

Overview			
Edition:	BlueSpice Cloud	Version:	4.1- 4.2.x
? View help page			

Features

FlaggedRevs is a MediaWiki extension that activates an approval mechanism.

New versions of an article are initially marked as drafts and remain so until a user with revision rights checks and approves the page.

The MediaWiki extension is customized in BlueSpice. It uses the [FlaggedRevsConnector](#) to work alongside [workflows](#), realising the complete functionality of an editorial process with a final approval step.

Warning! The setting `FR_INCLUDES_FREEZE` for handling the state of included files of an approved wiki page has [no long term support by](#) and should not be introduced in a new wiki for that reason.