FirstSpirit™

TM

Unlock Your Content

FirstSpirit™ Maintenance Build
FirstSpirit™ Version 5.2 Release 5

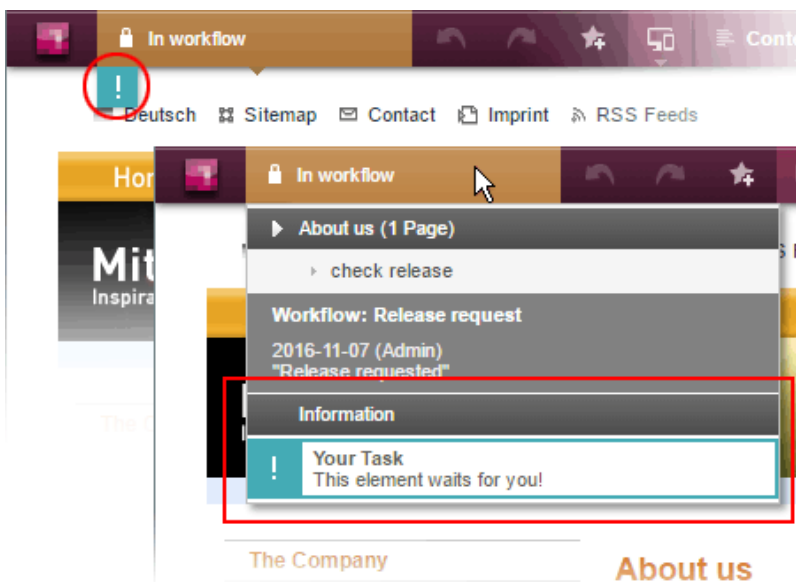|	
Version	**5.2.518**
Status	**Delta to 5.2.515**
Date	**2016-11-30**
Department	FS-Core
Copyright	2016 e-Spirit AG
File name	Maintenancebuild_5.2.518_EN

e-Spirit

Table of contents

1 Module Development, Scripts, API

1.1 ContentCreator: Displaying page-related status information prominently

At the left end of the ContentCreator toolbar, the page status display provides information about the status of the page currently shown in the preview and allows users to perform actions based on that status. For better organization, these actions are only made available in a flyout that is shown once the user hovers the mouse pointer over the page status display.

Page-related status information that is especially important for the editorial process may now be added via a new plugin type using the FirstSpirit API. This information will be displayed prominently in the ContentCreator user interface:

In this example, an entry is added to the status menu if the current page is in a workflow. Additionally, a prominent "!" icon will be displayed underneath the page status display if the user has been explicitly set as an editor in the workflow. This example is implemented in the "ContentCreator Examples", available as a source code package in *FirstSpirit Online Documentation*, chapter "Plug-In Development / Examples".

The basis for this plugin is the interface `WebeditStatusNotePlugin` (FirstSpirit Developer API, package `de.espirit.firstspirit.webedit.plugin.status`). Based on information about the

currently shown page, given by a `WebeditStatusNoteContext` object, the status note plugin delivers a list of `WebeditStatusNote` objects.

`WebeditStatusNote` objects can be created via a `WebeditStatusNoteBuilder` object that may be obtained by calling `WebeditStatusNoteContext#createNote`.

Using such a `WebeditStatusNoteBuilder` object, the following attributes of a `WebeditStatusNote` may be configured before creating the note object (example data is based on the above illustration):

- title (e.g. "Your Task")

- text (e.g. "This element waits for you!")

- icon (e.g. an exclamation mark)

- color (e.g. teal)

- related actions

In order to ensure a consistent design, the color must be chosen from a color palette given in the `Enum WebeditColor` (package `de.espirit.firstspirit.webedit`).
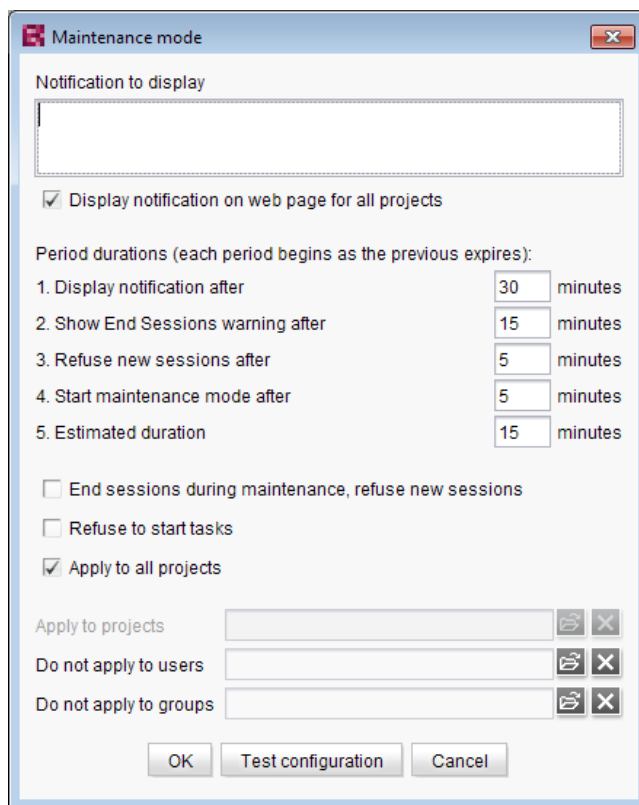
Note: The corresponding API documentation (see e.g. *Online Documentation for FirstSpirit* (ODFS), "Template development / FirstSpirit API / API documentation") will be published with the next release of FirstSpirit, however, the new functionality may already be used as of the current FirstSpirit version.

For further information, see *FirstSpirit Manual for Editors (ContentCreator)*, chapter "Menu functions / Page status".

1.2   Creating maintenance mode schedule tasks via API

FirstSpirit offers maintenance mode functionality which allows shutting down the server in an orderly fashion at a predetermined time in order to perform upgrades, repairs, or other maintenance tasks. Depending on the configuration, before and/or during the maintenance period, users will not be allowed to log on to the server or to selected projects, users currently logged in will be notified that the server will be shut down, etc. Until now, this functionality could only be set using the GUI (ServerManager / Server / Properties / Schedule management / Action "Maintenance mode"):

Configuration of a maintenance mode action

As of the current FirstSpirit version, maintenance mode schedule entry actions can now be created via API. The new interface `MaintenanceModeTask` (FirstSpirit Developer API, package `de.espirit.firstspirit.access.schedule`) allows creation and configuration of such a schedule entry action analogous to configuration via the GUI.

Moreover, you can use the new interface `MaintenanceModeInfo` to query via API if a maintenance mode schedule is already running on the server. The new interface `MaintenceModeAgent` has been created for terminating running maintenance mode schedules. Server administrator permission is required for this. In return, the method `stopMaintenance(long)` (FirstSpirit Access API, package `de.espirit.firstspirit.access`, interface `AdminService`) has been discontinued ("Deprecation") and can be omitted in a following FirstSpirit major version.

Note: The corresponding API documentation (see e.g. *Online Documentation for FirstSpirit* (ODFS), "Template development / FirstSpirit API / API documentation") will be published with the next release of FirstSpirit, however, the new functionality may already be used as of the current FirstSpirit version.

For further information about the maintenance mode schedule entry action, see *FirstSpirit Manual for Administrators*, chapter "FirstSpirit ServerManager / Schedule entry planning / Server-based actions / Maintenance mode".

2   Overview

ID	Description	Categories
169756	Optimized copying of content into the FirstSpirit clipboard via the keyboard shortcut `Ctrl` + `C` .	Clipboard, SiteArchitect
175868	Optimized interaction pattern when cancelling a workflow.	ContentCreator
182234 193136	Improved refreshing the preview after making changes in subforms.	ContentCreator
184390	The "Open in separate window" action of the input component FS_LIST has been optimized.	Input Components, SiteArchitect
184398	Erroneous behavior could occur in data source overviews when displaying media for which the user did not possess read permissions.	Content Store, SiteArchitect
185873	Improved evaluation of permissions when editing inherited metadata.	Permissions, SiteArchitect
187707	During generation, erroneous behavior could occur when outputting remote media with identical display names.	Generation
188464 189112	As of the current FirstSpirit version, maintenance mode schedule entry actions can now be created via API and running maintenance modes schedules can be terminated via API. Further information can be found in chapter "Module Development, Scripts, API: Creating maintenance mode schedule tasks via API".	FirstSpirit API, Module development, Tasks
191967	The new plugin type **WebeditStatusNotePlugin** may be used to prominently display page-related status information in Content-Creator. Further information can be found in chapter "Module Development, Scripts, API: ContentCreator: Displaying page-related status information prominently".	ContentCreator, Developer, Editor, FirstSpirit API
191968	In the input component FS_INDEX, erroneous behavior could occur when cancelling edit mode on a newly created entry.	Input Components, SiteArchitect

ID	Description	Categories
192075	Using several web components can potentially cause conflicts between identical resources. Optimized conflict identification and conflict resolution.	FirstSpirit Administrator, Modules
192826	The performance has been optimized for the Mac OS X operating system when adding elements to the tree with drag-and-drop.	SiteArchitect
192965	Optimized modification detection of a page when adding a section via copy-and-paste.	SiteArchitect
193027	Optimized the action "Undo" (Ctrl + Z) in form, rule, and output channel editors.	Developer, SiteArchitect, Template Store
193553	Improved safeguard from erroneous path configurations for global web applications in the file **fs-server.conf** (parameters **WEB_DIR**, **WEBAPP_ROOT_PATH**, **WEBAPP_WEBEDIT5_PATH**, **WEBAPP_WEBMON_PATH**, **WEBAPP_STAGING_PATH**, and **WEBAPP_PREVIEW_PATH**).	FirstSpirit Administrator
193563	While using or updating the FOP module, erroneous behavior could occur.	FirstSpirit Administrator, Modules, ServerManager
193645	Optimized memory usage in ContentCreator.	ContentCreator
193724	Optimized observation of activated editorial languages in forms.	ContentCreator
193889	Erroneous behavior could occur when restarting the server via Server-Monitoring.	FirstSpirit Administrator
193916	Improved preview of the selected datasets when using "Multi Perspective Preview" (MPP).	Multi Perspective Preview, SiteArchitect
193936	Undesired notifications may have been shown to a user on pages for which he/she only had the permission "Visible".	Permissions, SiteArchitect
193989	Optimized layout of tree node labels in the input component CMS_INPUT_PERMISSION.	ContentCreator
194012	Improved rule-based control for editing entries of the input components FS_CATALOG and FS_INDEX.	Input Components, SiteArchitect
194035	Improved focus behavior when scrolling or making selections in the input component CMS_INPUT_DOM.	Input Components, SiteArchitect

ID	Description	Categories
194262	Improved performance when editing data sources.	Content Store, Performance, SiteArchitect
194325	Synchronizing between workspace and the preview area after saving changes in forms has bee optimized.	Preview, SiteArchitect, Template Store
194335	Highlighting of entries of a report when moving the mouse pointer over an element has been improved.	Reports, SiteArchitect

3 Categories

3.1 Clipboard

ID	Description
169756	Optimized copying of content into the FirstSpirit clipboard via the keyboard shortcut `Ctrl` + `C`.

3.2 Content Store

ID	Description
184398	Erroneous behavior could occur in data source overviews when displaying media for which the user did not possess read permissions.
194262	Improved performance when editing data sources.

3.3 ContentCreator

ID	Description
175868	Optimized interaction pattern when cancelling a workflow.
182234 193136	Improved refreshing the preview after making changes in subforms.
191967	The new plugin type **WebeditStatusNotePlugin** may be used to prominently display page-related status information in ContentCreator.

ID	Description
	Further information can be found in chapter "Module Development, Scripts, API: ContentCreator: Displaying page-related status information prominently".
193645	Optimized memory usage in ContentCreator.
193724	Optimized observation of activated editorial languages in forms.
193989	Optimized layout of tree node labels in the input component CMS_INPUT_PERMISSION.

3.4   Developer

ID	Description
191967	The new plugin type **WebeditStatusNotePlugin** may be used to prominently display page-related status information in ContentCreator. Further information can be found in chapter "Module Development, Scripts, API: ContentCreator: Displaying page-related status information prominently".
193027	Optimized the action "Undo" (Ctrl + Z) in form, rule, and output channel editors.

3.5   Editor

ID	Description
191967	The new plugin type **WebeditStatusNotePlugin** may be used to prominently display page-related status information in ContentCreator. Further information can be found in chapter "Module Development, Scripts, API: ContentCreator: Displaying page-related status information prominently".

3.6   FirstSpirit API

ID	Description
188464 189112	As of the current FirstSpirit version, maintenance mode schedule entry actions can now be created via API and running maintenance modes schedules can be terminated via API.

ID	Description
	Further information can be found in chapter "Module Development, Scripts, API: Creating maintenance mode schedule tasks via API".
191967	The new plugin type `WebeditStatusNotePlugin` may be used to prominently display page-related status information in ContentCreator. Further information can be found in chapter "Module Development, Scripts, API: ContentCreator: Displaying page-related status information prominently".

3.7   FirstSpirit Administrator

ID	Description
192075	Using several web components can potentially cause conflicts between identical resources. Optimized conflict identification and conflict resolution.
193553	Improved safeguard from erroneous path configurations for global web applications in the file `fs-server.conf` (parameters `WEB_DIR`, `WEBAPP_ROOT_PATH`, `WEBAPP_WEBEDIT5_PATH`, `WEBAPP_WEBMON_PATH`, `WEBAPP_STAGING_PATH`, and `WEBAPP_PREVIEW_PATH`).
193563	While using or updating the FOP module, erroneous behavior could occur.
193889	Erroneous behavior could occur when restarting the server via ServerMonitoring.

3.8   Generation

ID	Description
187707	During generation, erroneous behavior could occur when outputting remote media with identical display names.

3.9   Input Components

ID	Description
184390	The "Open in separate window" action of the input component FS_LIST has been optimized.

ID	Description
191968	In the input component FS_INDEX, erroneous behavior could occur when cancelling edit mode on a newly created entry.
194012	Improved rule-based control for editing entries of the input components FS_CATALOG and FS_INDEX.
194035	Improved focus behavior when scrolling or making selections in the input component CMS_INPUT_DOM.

3.10   Module development

ID	Description
188464 189112	As of the current FirstSpirit version, maintenance mode schedule entry actions can now be created via API and running maintenance modes schedules can be terminated via API. Further information can be found in chapter "Module Development, Scripts, API: Creating maintenance mode schedule tasks via API".

3.11   Modules

ID	Description
192075	Using several web components can potentially cause conflicts between identical resources. Optimized conflict identification and conflict resolution.
193563	While using or updating the FOP module, erroneous behavior could occur.

3.12   Multi Perspective Preview

ID	Description
193916	Improved preview of the selected datasets when using "Multi Perspective Preview" (MPP).

3.13 Performance

ID	Description
194262	Improved performance when editing data sources.

3.14 Permissions

ID	Description
185873	Improved evaluation of permissions when editing inherited metadata.
193936	Undesired notifications may have been shown to a user on pages for which he/she only had the permission "Visible".

3.15 Preview

ID	Description
194325	Synchronizing between workspace and the preview area after saving changes in forms has bee optimized.

3.16 Reports

ID	Description
194335	Highlighting of entries of a report when moving the mouse pointer over an element has been improved.

3.17 ServerManager

ID	Description
193563	While using or updating the FOP module, erroneous behavior could occur.

3.18   SiteArchitect

ID	Description
169756	Optimized copying of content into the FirstSpirit clipboard via the keyboard shortcut Ctrl + C .
184390	The "Open in separate window" action of the input component FS_LIST has been optimized.
184398	Erroneous behavior could occur in data source overviews when displaying media for which the user did not possess read permissions.
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192826	The performance has been optimized for the Mac OS X operating system when adding elements to the tree with drag-and-drop.
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194012	Improved rule-based control for editing entries of the input components FS_CATALOG and FS_INDEX.
194035	Improved focus behavior when scrolling or making selections in the input component CMS_INPUT_DOM.
194262	Improved performance when editing data sources.
194325	Synchronizing between workspace and the preview area after saving changes in forms has bee optimized.
194335	Highlighting of entries of a report when moving the mouse pointer over an element has been improved.

3.19   Tasks

ID	Description
188464 189112	As of the current FirstSpirit version, maintenance mode schedule entry actions can now be created via API and running maintenance modes schedules can be terminated via API. Further information can be found in chapter "Module Development, Scripts, API: Creating maintenance mode schedule tasks via API".

3.20   Template Store

ID	Description
193027	Optimized the action "Undo" (Ctrl + Z) in form, rule, and output channel editors.
194325	Synchronizing between workspace and the preview area after saving changes in forms has bee optimized.