e-Spirit[AG]

Release-Notes First**Spirit**[5.0.606]

Previously released versions: **5.0.105, 5.0.106, 5.0.114, 5.0.210, 5.0.318, 5.0.424, 5.0.425, 5.0.510**

Announcement: End of Support for FirstSpirit 5.0

FirstSpirit version 5.0.606 is the last release of the minor version line FirstSpirit 5.0.

Medium Term Support (MTS, maintenance cycle for minor versions) for this line will end 27 March 2015. After that date, the minor version line FirstSpirit 5.1 will become the MTS line.
We recommend to upgrade to a higher version early!

Java: Auto Update from version 7 to 8

Concerning FirstSpirit 5.0, **Java 7** is the reference version for the FirstSpirit server as well as for the FirstSpirit JavaClient.

As with many other software manufacturers, Oracle's release policy is characterized by an increasing number of fully-automatic, partly mandatory software updates are performed.

The current version of Java, which is now recommended and by Oracle is Java 8. Oracle has announced to migrate all users of Java 7 to Java 8 automatically at the beginning of 2015. Java 7 versions which will be released after April 2015 will only be delivered to Oracle support contract customers.

FirstSpirit 5.0 is <u>not</u> released for the use with Java 8!
Java 8 will only be released for the use with FirstSpirit 5.2.

If you do not want to be automatically updated from Java 7 to Java 8 please deactivate this functionality of Java suitably.

Please refer also to

- *www.java.com/en/download/help/java_update.xml*
- *www.java.com/en/download/faq/release_dates.xml*
- *www.oracle.com/technetwork/topics/security/alerts-086861.html*

Deployment via FTP: Block Transfer Mode

Deployments can be executed by means of schedules in FirstSpirit. For a deployment via FTP the action "Execute deployment: Via FTP" is available ("Server and Project Configuration ('ServerManager') / Project / Settings / Schedule management / Actions / Execute deployment" and "Server and Project Configuration ('ServerManager') / Project / Settings / Action templates / Execute deployment").

Use the newly implemented checkbox **Block Transfer Mode** (see figure) to deactivate or activate the Block Transfer Mode. Deactivating this option can eliminate problems with deployment in some environments, for example ISS7. The Block Transfer Mode is *activated* by default

For further information about deployment via FTP please see *FirstSpirit Manual for Administrators*, Chapter "Deployment via FTP".
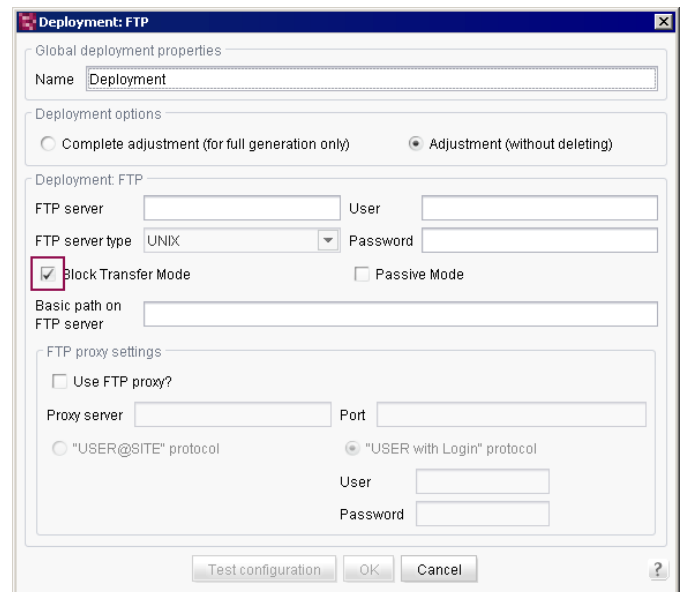
fs-wrapper.conf: File access rights using the umask parameter

Using the **wrapper.umask** parameter in the configuration file for the server start and the FirstSpirit server Java system *fs-wrapper.conf*, access rights can be configured under UNIX (see http://en.wikipedia.org/wiki/Filesystem_permissions#Traditional_Unix_permissions) for newly created files and directories.

The default value for the parameter has been changed from *0022* to *0027*:

```
wrapper.umask=0027
```

To date, the write permission of the "Group" and "Others" user classes has been removed through the rights mask ("umask"). As a result of the change, the read and execute permissions are also removed for the "Others" user class. The "Others" user class therefore no longer has any rights.

For security reasons, this parameter should be set to "0027" in all existing FirstSpirit installations.

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New code signing certificate

The content of FirstSpirit JAR files is signed with a certificate. This procedure is also called "code signing".

In the current FirstSpirit version, the content is signed with a new certificate that is valid until 06-13-2016.

FirstSpirit Developer API: Enhancements for providing language specific information

The following interfaces (both included within the package *de.espirit.firstspirit.agency*) have been enhanced by the enlisted methods to be able to provide language specific information:

- Interface "LanguageAgent":
- **getVisibleLanguages()**

- Interface "UIAgent":
- **getDisplayName(WorkflowElement)**
- **getDescription(WorkflowElement)**
- **getDisplayName(TemplateSet)**

For more information please refer to the FirstSpirit Developer API.

FS_LIST (DATABASE type): Selection of multiple datasets at once

The FS_LIST (DATABASE type) can be used to create lists of datasets.

If the selection of datasets is allowed by configuration of

```
<ACTIONS>
 <ACTION name="ADD"/>
<ACTIONS>
```

a dialog box opens by default (**<PARAM name="select-ui">dialog</PARAM>**) from which the required dataset can be selected when the "Add" icon is clicked

In FirstSpirit version 5.0.510, multi-selection of datasets was possible, but only one of the selected datasets was adopted into the FS_LIST component. Due to technical reasons, this error can be fixed completely only in version 5.1. In order to avoid erroneous usage, in version 5.0.606, the interaction pattern has been changed so that only one dataset can be selected at a time. The temporarily removed multi-selection functionality may be replaced with successive selection of individual datasets.

The alternative options

- **list** and
- **popup**

for the parameter **select-ui** allow a selection of more than one dataset at once. For this reason, one of these options should be set from FirstSpirit version 5.0.606on if you would like that more than one dataset can be selected at once.

For more information about configuration options for FS_LIST (DATABASE type) see *FirstSpirit Online Documentation*, "Template development / Forms / Input components / LIST (new) / DATABASE".

New functionalities

ID	Role	Category	Sub Category	Description
156891	FirstSpirit Administrator	Administration	None	In the current FirstSpirit version, the content is signed with a new certificate. More information can be found in the introduction (under "New code signing certificate").

Bug-fixes

ID	Role	Category	Sub Category	Description
155699	All Users	Administration	Security	Security improvements for the FirstSpirit start page.
144223	All Users	ContentCreator (WebClient)	Content Store	The QUERY tag can be used within the FS_LIST (DATABASE type) input components to specify a query in order to limit the number of datasets. Unfortunately, the query was erroneously not taken into account.
159776	All Users	ContentCreator (WebClient)	Content Store	The evaluation of rights for datasets has been optimized.
155956	All Users	ContentCreator (WebClient)	Dynamic Forms	In the FS_LIST input component, rule evaluation in subforms has been optimized.
148886	All Users	ContentCreator (WebClient)	Input Components	Length restrictions (parameter *maxInputLength*) for multi-line text entry (CMS_INPUT_TEXTAREA) will now be evaluated also in case of copy actions.
154029	All Users	ContentCreator (WebClient)	Input Components	Improved consideration of empty paragraphs in rich-text editor (CMS_INPUT_DOM) for Microsoft Internet Explorer.

ID	Role	Category	Sub Category	Description
156067	All Users	ContentCreator (WebClient)	Search	By activating the "My elements" option for the search function in the Report area, the search result can be restricted to elements that have been created or modified by the currently logged-in user. The way in which the list of results is refreshed when using this option has been optimized.
157623	All Users	ContentCreator (WebClient)	Security	Security improvements in ContentCreator.
155831	All Users	None	Site Store	In very rare instances in release projects and following a release, the menu order in the Site Store did not always match the display in SiteArchitect and / or ContentCreator during generation (navigation function).
149418	All Users	ServerMonitoring	Generation	The cancelation behavior has been optimized in the event of errors that occur during generation.
159274	All Users	SiteArchitect (JavaClient)	Content Store	In rare instances, the selection of datasets was not taken into account in the FS_LIST (DATABASE type) and FS_DATASET input components.
161371	All Users	SiteArchitect (JavaClient)	Content Store	The process of editing data sources has been improved.
150638	All Users	SiteArchitect (JavaClient)	Corporate Content	In "CorporateContent" functionality, loading of larger content packages has been accelerated considerably. Additionally, the method *getElements(Collection<Long>)* has been added to the interface *Store* (Access API, *de.espirit.firstspirit.access.store* package).
160730	All Users	SiteArchitect (JavaClient)	Corporate Content	Conflict handling for the "CorporateContent" functionality has been improved.
155747	All Users	SiteArchitect (JavaClient)	Dom Editor	On the Mac OS X operating system, use of the key combinations in the CMS_INPUT_DOM input component has been improved.
162316	All Users	SiteArchitect (JavaClient)	Global Settings	Optimized restoration of deleted sections in global content.
142613	All Users	SiteArchitect (JavaClient)	Input Components	In the FS_LIST (DATABASE type) input component, conditional deletions ("DELETE" action) without confirmation (keyword *show-confirm* with the value "no") could lead to malfunctions.
144312	All Users	SiteArchitect (JavaClient)	Input Components	The "Undo" (<Ctrl> + Z) action has been improved in the CMS_INPUT_TEXT and CMS_INPUT_TEXTAREA input components.
147246	All Users	SiteArchitect (JavaClient)	Input Components	Improved media selection dialog used by the input component FS_REFERENCE.
157502	All Users	SiteArchitect (JavaClient)	Input Components	In the input component FS_LIST, using the parameter "expand-behaviour" in conjunction with the value "EXPAND_FIRST" could lead to an error.
159896	All Users	SiteArchitect (JavaClient)	Input Components	In very rare instances, the "New" and "Edit" buttons were not deactivated for the FS_DATASET and FS_LIST (DATABASE type) input components when the database schema was configured as read-only.
164822	All Users	SiteArchitect (JavaClient)	Input Components	Changed the interaction pattern of dataset selection in the input component FS_LIST (DATABASE type). Further information can be found in the introduction (subpoint "FS_LIST (DATABASE type): Selection of multiple datasets at once").
150135	All Users	SiteArchitect (JavaClient)	Media Store	The process of creating reference names when uploading via drag-and-drop has been optimized for media.
152488	All Users	SiteArchitect (JavaClient)	Media Store	When dragging and dropping a file from the file system to an existing language-dependent medium, the required language tab was inactive.
155843	All Users	SiteArchitect (JavaClient)	Media Store	In FirstSpirit, it is now possible to drag-and-drop from the integrated preview to the Media Store workspace (in Folder view or image resolution).
162789	All Users	SiteArchitect (JavaClient)	Media Store	During upload of a media file via drag and drop from the file system, the Media element's display name is generated from the file name. This process now considers space characters as well.
157644	All Users	SiteArchitect (JavaClient)	None	In rare instances, it was not possible to close SiteArchitect.
158565	All Users	SiteArchitect (JavaClient)	None	If a project contained a very large number of groups and users, this sometimes resulted in a high level of resource utilization (long waiting times, high memory consumption). This behavior has been optimized.
158982	All Users	SiteArchitect (JavaClient)	None	Memory utilization has been optimized in FirstSpirit.
128014	All Users	SiteArchitect (JavaClient)	Page Store	The dialog for creating a new page has been improved.
151813	All Users	SiteArchitect (JavaClient)	Preview	In FirstSpirit, pages can be included in other pages using JSP applications. The recalculation of these pages has been optimized.
161742	All Users	SiteArchitect (JavaClient)	Preview	Improved performance of preview generation.
160288	All Users	SiteArchitect (JavaClient)	Remote Projects	With the FS_REFERENCE input component, malfunctions occurred when several remote configurations were defined for one project.
157082	All Users	SiteArchitect (JavaClient)	Site Store	Deleting a structure variable can lead to malfunctions.
153967	All Users	SiteArchitect (JavaClient)	Tasks	On the Mac OS X operating system, the schedule selection in the "Project" menu has been optimized.
154654	All Users	SiteArchitect (JavaClient) and ContentCreator (WebClient)	All Stores	A warning message was displayed in the log file by mistake after an editorial language had been subsequently removed.
158068	All Users	SiteArchitect (JavaClient) and ContentCreator (WebClient)	Input Components	In rare instances, the entries for the FS_LIST (DATABASE type) input component were not updated when editing mode was activated.
162702	All Users	SiteArchitect (JavaClient) and ContentCreator (WebClient)	Search	Optimized search in data sources.
133002	Developer	SiteArchitect (JavaClient)	Scripting	In order to provide information regarding languages, further methods have been added to the interfaces "LanguageAgent" and "UIAgent" (Developer API, package *de.espirit.firstspirit.agency*). Further information can be found in the introduction (subpoint "FirstSpirit Developer API: Enhancements for providing language specific information").
159012	Developer	SiteArchitect (JavaClient)	Template Development	The "#for" system object is available within a $CMS_FOR(...)$ instruction. The "CONTINUE" call has been improved here. See also FirstSpirit online documentation, "Template development / Template syntax / System objects / #for".
151533	Developer	SiteArchitect (JavaClient)	Template Store	Improved performance when repeatedly saving a table template.
147505	FirstSpirit Administrator	Administration	Archiving	Project archiving could lead to erroneous behavior.

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ID	Role	Category	Sub Category	Description
151350	FirstSpirit Administrator	Administration	FirstSpirit Installation	During installation of the FirstSpirit Server, configuration files were generated later on when the server was started for the first time.
156480	FirstSpirit Administrator	Administration	Security	The UNIX access rights have been changed. More information can be found in the introduction (under "fs-wrapper.conf: File access rights using the umask parameter").
157939	FirstSpirit Administrator	Administration	Tasks	Execution of the "Rebuild search index" and "Repair references" system schedule entries has been improved.
149013	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	Deployment	Improvements have been made to deployments via FTP. Further information can be found in the introduction (subpoint "Deployments via FTP: Block Transfer Mode").
155717	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	Modules	Security improvements in the "FirstSpirit DynamicPersonalization" module.
158145	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	Tasks	Reference and search index calculation has been optimized.
158308	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	Tasks	In rare cases, delta generation tasks were not completed.
156973	FirstSpirit Administrator	SiteArchitect (JavaClient)	Corporate Content	The number of languages in source and target projects can vary when the "Corporate Content" functionality is used. If a section is rolled out in a target project and it has more languages than the source project, the state of the "Include this section in the output" option is now retained for the languages that are only available in the target project.
152567	FirstSpirit Administrator	SiteArchitect (JavaClient)	Security	In FirstSpirit, HTTPS protocol management has been improved.
161506	Server Administrator	ServerMonitoring	Security	Security improvements with regard to "ServerMonitoring".