

Previously released versions: 5.1.106, 5.1.209, 5.1.311, 5.1.410, 5.1.507

## Announcement: End of Support for FirstSpirit 5.1

FirstSpirit version 5.1.605 is the last release of the minor version line FirstSpirit 5.1.

Medium Term Support (MTS, maintenance cycle for minor versions) for this line will end **30 June 2016**. After that date, the minor version line FirstSpirit 5.2 will become the MTS line.

We recommend to upgrade to a higher version early!

## Java Vulnerability (Serialization/Deserialization)

Java applications which use or include the Java libraries

- “Common Collections” (Apache)
- “Groovy”
- “Spring Framework”

may pose a potential security risk: a vulnerability in these libraries enables an attacker to execute code on a server without prior authentication. Further libraries affected by this vulnerability are currently not known.

The FirstSpirit core software itself is not affected by this security threat as it does not use any of the aforementioned libraries.

However, several FirstSpirit Modules used or use at least one of the affected libraries and thus may have been or may be used as vectors for malicious attacks against FirstSpirit.

Furthermore, third-party FirstSpirit Modules may be affected.

FirstSpirit version 5.1R6 includes a bugfix which provides extensive protection against known and unknown attacks which exploit this vulnerability. This fix also protects potentially vulnerable modules (FirstSpirit server-side only!). An update to this FirstSpirit version increases the general security of FirstSpirit, e.g. when FirstSpirit is deployed in an unprotected environment.

Several of the aforementioned modules have already received specific bugfixes to protect against this vulnerability.

For further information, see the related posting in the FirstSpirit Community.

Please direct questions about this subject to e-Spirit Technical Support.

For further information about the vulnerability, see [www.foxglovesecurity.com](http://www.foxglovesecurity.com).

## Parameter "preview.cacheMediaFiles"

With FirstSpirit version 5.1R6, the parameter **preview.cacheMediaFiles** has been removed from the configuration file “fs-server.conf” and will no longer be observed. Media will now always be cached by the servlet engine, which corresponds with the previous default behavior.

For further configuration options, see “FirstSpirit Manual for Administrators”, chapter “FirstSpirit Server configuration (fs-server.conf)”.

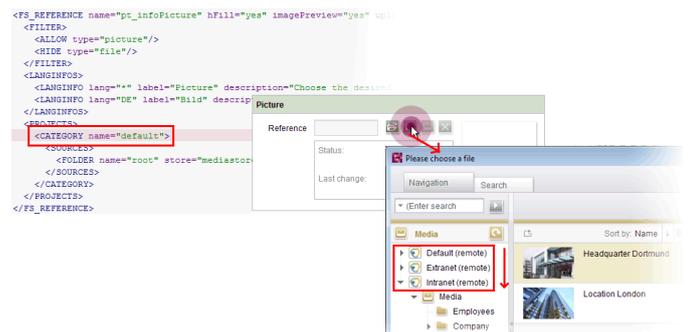
## Sort order of remote projects in selection and upload dialogs

“FirstSpirit CorporateMedia” enables access from one project (the “target project”) to other projects (“remote projects”) that reside on the same FirstSpirit server. Access to remote projects may take place via the input components FS\_REFERENCE and CMS\_INPUT\_IMAGEMAP using the tags REMOTE and CATEGORY within the tag PROJECTS in the form definition.

Starting with FirstSpirit version 5.1R6, for improved usability, specifically when a large number of remote projects needs to be displayed, remote projects accessed **via the tag CATEGORY** will be sorted by name in alphabetical order in SiteArchitect.

Remote projects accessed by input components **via the tag REMOTE** will continue to be displayed in the order in which they are referenced in the form definition.

For further information, see the documentation about “FirstSpirit CorporateMedia”, chapter “Tag <PROJECTS>” etc.



## Bug-fixes

ID	Role	Category	Sub Category	Description
175399	All Users	ContentCreator (WebClient)	Input Components	Creating a new dataset by copying data from an existing dataset could lead to erroneous behavior if the form contained the input component CMS_INPUT_DOM.
179124	All Users	ContentCreator (WebClient)	Input Components	In rare cases, selecting a remote object may have resulted in a malfunction.
179577	All Users	ContentCreator (WebClient)	Preview	The process of updating the preview has been improved.
179721	All Users	ContentCreator (WebClient)	Workflow	Erroneous behavior could occur during execution of workflow scripts.

ID	Role	Category	Sub Category	Description
180385	All Users	ServerManager (Server and Project Configuration)	Generation	For Advanced URLs, use of the standard configuration parameter <i>stripWelcomeFileNames</i> could lead to generation of a faulty link.
160052	All Users	ServerManager (Server and Project Configuration)	Modules	Use of the module "FirstSpirit DynamicPersonalization" in conjunction with an external web server (here, Tomcat) could lead to erroneous behavior.
168157	All Users	SiteArchitect (JavaClient)	ContentTransport	Under certain conditions (a node has been moved and modified at the same time in the source project), nodes were not updated correctly in the target project.
169274	All Users	SiteArchitect (JavaClient)	Input Components	Optimized selection of a data source in the input component FS_REFERENCE.
179426	All Users	SiteArchitect (JavaClient)	Input Components	In the input component FS_LIST (DATABASE type), the referenced dataset was erroneously marked as changed when an entry was added.
162764	All Users	SiteArchitect (JavaClient)	Media Store	Optimized display of an error message when uploading invalid media into a project.
178954	All Users	SiteArchitect (JavaClient)	None	In the case of older Mac OS X versions (e.g., 10.7), the internal check of the operating system version in SiteArchitect may have resulted in a malfunction.
169523	All Users	SiteArchitect (JavaClient)	Page Store	Optimized synchronization of reference name and display name in the "New Page" dialog.
153556	All Users	SiteArchitect (JavaClient)	Projecthistory	Optimized display of "Project History" in the personalized home screen (icon "Home").
165184	All Users	SiteArchitect (JavaClient)	Remote Projects	Optimized order of remote projects in selection and upload dialogs. For further information, see the "Introduction" (section "Order of remote projects in selection and upload dialogs").
169735	All Users	SiteArchitect (JavaClient)	Search	Optimized search functionality when search terms include special characters.
175177	All Users	SiteArchitect (JavaClient)	Version History	Optimized version comparison for subforms.
183002	All Users	SiteArchitect (JavaClient)	Workflow	Optimized behavior when releasing a node which has been restored.
168445	All Users	SiteArchitect (JavaClient) and ContentCreator (WebClient)	None	Improved memory management.
170088	Developer	ServerManager (Server and Project Configuration)	None	Removed outdated classes from file <b>src.jar</b> .
178799	Developer	SiteArchitect (JavaClient)	Content Store	When executing the method <i>delete(IDProvider, boolean)</i> (Access API, <i>de.espirit.firstspirit.access</i> package, <i>AccessUtil</i> interface) on a dataset, the data source was deleted erroneously. Now, an error message is generated which states that a dataset cannot be deleted using the method above.
165797	Developer	SiteArchitect (JavaClient)	Input Components	Corrected the method <i>getReferences()</i> (Access API interface "StoreElement", package <i>de.espirit.firstspirit.access.store</i> ) for elements with input component FS_LIST (type INLINE) and section templates with FS_DATASET.
177127	Developer	SiteArchitect (JavaClient)	Site Store	Optimized output of inherited variable values of a menu level in the Structure store.
176643	Developer	SiteArchitect (JavaClient)	Template Development	Improved display of mappings in table templates for projects with many languages.
179001	Developer	SiteArchitect (JavaClient)	Template Development	The input component CMS_INPUT_DOM returns an object of data type <i>DomElement</i> . Using the method <i>normalize()</i> on such an object could lead to erroneous behavior.
175181	Developer	SiteArchitect (JavaClient)	Workflow	The group/user combo box is now sorted alphabetically in the dialog for configuring the workflow permissions.
168279	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	Archiving	Optimized duration of project archiving without system data.
172129	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	Archiving	In projects which use project archiving functionality, generation of media elements which were modified after archival (e.g. by restoring them via the Version History dialog) could lead to erroneous behavior.
171082	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	License	Licenses for the Java Wrapper have been renewed. After updating the Java Wrapper, use of this renewed license is required.
181510	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	Security	FirstSpirit-Version 5.2R3 includes a bugfix which provides extensive protection against a Java vulnerability in connection with serialization/deserialization. Further information can be found in the introduction (subpoint "Java Vulnerability (Serialization/Deserialization)").
164537	FirstSpirit Administrator	ServerManager (Server and Project Configuration)	Server Shut Down	External processes may be started from within scripts. These external processes will now be terminated as well when the FirstSpirit server program is stopped.
167576	FirstSpirit Administrator	SiteArchitect (JavaClient)	Preview	Improved processing of cookie lifetime data during content delivery through an external web server.
179283	FirstSpirit Administrator	SiteArchitect (JavaClient) and ContentCreator (WebClient)	Archiving	In rare cases, searching for datasets in projects which use project archiving may have resulted in an error.
183130	Server Administrator	Administration	Database Configuration	Improved stability of database connections in specific configurations.
184344	Server Administrator	None	None	Optimized clean-up of technical sessions which were established via remote projects.
161337	Server Administrator	ServerManager (Server and Project Configuration)	Preview	In the configuration file "fs-server.conf", removed parameter <b>preview.cacheMediaFiles</b> . For further information, see the "Introduction" (section "Parameter 'preview.cacheMediaFiles'").