



# FirstSpirit™

*Unlock Your Content*

## Release Notes

### FirstSpirit™ 2024.6

<b>Status</b>	<b>RELEASED</b>
Department	FS-Core
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## 1 Administration

### 1.1 Announcement: Revision of Clustering

**Clustering** will undergo a comprehensive overhaul with the next FirstSpirit version 2024.7.

The focus here will be on a significant simplification of the configuration as well as the elimination of shared file systems. The slave server will only need access to the socket port of the master server.

Also, there will be no need to adjust the configuration of the master server to use the clustering functionality.

### 1.2 No support for logging configurations in Log4j1 format

Since FirstSpirit 2023.6, it has been possible to create the configuration of the logging framework using the **XML syntax of Log4j2**. In parallel, the old configuration in the style of Log4j1 has continued to be supported.

With FirstSpirit 2024.6, support will be discontinued as **announced**.

If no new files in the XML format for Log4j2 exist when updating the FirstSpirit server, they will be automatically generated with the default configuration.

## 2 General

### 2.1 Code signing certificate updated

The content of FirstSpirit JAR files is signed with a certificate. This procedure is also called “code signing”. In the current FirstSpirit release, the content is signed with a new certificate that is valid until 10/30/2025.

## 3 FirstSpirit Content Experience Tools (CXT)

### 3.1 Latest module versions

FirstSpirit 2024.6 supports the following module versions for FirstSpirit Content Experience Tools.

**Module / file name**

**Version number**



FirstSpirit CXT Plattform platform-[version].fsm	6.1.4
FirstSpirit CXT DAP Bridge dataservice-[version].fsm	1.44.21
FirstSpirit CXT FragmentCreator fragment-creator-[version].fsm	5.0.9
FirstSpirit Fragment DAP fragmentdap-[version].fsm	1.40.30
FirstSpirit Media DAP mediadap-[version].fsm	1.31.20
FirstSpirit PageRef DAP pageref-[version].fsm	1.9.20
FirstSpirit Markdown Editor markdown-editor-[version].fsm	1.29.19
FirstSpirit Tagging Editor tagging-editor-[version].fsm	1.29.19
FirstSpirit CXT FragmentCreator - CaaS Integration caas-integration-[version].fsm	1.31.19

## 4 Deprecations

For e-Spirit, an important goal in software development is to avoid introducing incompatibilities and migration expenditures related to updating from one FirstSpirit release to the next as much as possible or to compensate for these within the software. FirstSpirit updates should generally be deployable with little effort or able to be carried out in a fully automated fashion.

However - not least in order to ensure maintainability and to future-proof the software - e-Spirit cannot fully avoid replacing existing functionality with new mechanisms. In the future, functionality that will be removed from the software will be listed in this section, including the date at which time the functionality will be removed.

Functionality	Deprecated as of	Will be removed/ Was removed as of
Input component CMS_INPUT_CONTENTAREALIST	5.2R3	



Functionality	Deprecated as of	Will be removed/ Was removed as of
Input component CMS_INPUT_CONTENTLIST	5.2R3	
Input component CMS_INPUT_FILE	5.2R3	
Input component CMS_INPUT_LINKLIST	5.2R3	
Input component CMS_INPUT_OBJECTCHOOSER	5.2R3	
Input component CMS_INPUT_PAGEREF	5.2R3	
Input component CMS_INPUT_PICTURE	5.2R3	
Input component CMS_INPUT_TABLIST	5.2R3	
FirstSpirit Access API: de.espirit.firstspirit.agency.GroupsAgent	5.2R15	
FirstSpirit Access API: delete (de.espirit.firstspirit.access.AccessUtil)	5.2R18	
FirstSpirit Access API: release (de.espirit.firstspirit.access.AccessUtil)	2018-06	
FirstSpirit Access API: getLastLoginAsDate (de.espirit.firstspirit.agency.UserStatisticsAgent)	2018-07	
FirstSpirit Access API: remainingDurationOfCurrentStageInMillis (de.espirit.firstspirit.server.MaintenanceModelInfo)	2018-07	
FirstSpirit Access API: getStartingTimeOfStageAsDate (de.espirit.firstspirit.server.MaintenanceModelInfo)	2018-07	
FirstSpirit Access API: getSelectedWebserverConfiguration (de.espirit.firstspirit.access.serverConfiguration)	2018-10	
FirstSpirit Access API: setSelectedWebserverConfiguration (de.espirit.firstspirit.access.serverConfiguration)	2018-10	
FirstSpirit Access API: getSelectedWebServer (de.espirit.firstspirit.access.project.Project)	2018-10	



Functionality	Deprecated as of	Will be removed/ Was removed as of
FirstSpirit Access API: setSelectedWebServer (de.espirit.firstspirit.access.project.Project)	2018-10	
FirstSpirit Access API: getLostAndFoundStoreNodes(); (de.espirit.firstspirit.feature.FeatureInstallResult)	2018-10	
FirstSpirit Access API: getDeletedStoreNodes(); (de.espirit.firstspirit.feature.FeatureInstallResult)	2018-10	
FirstSpirit Access API: de.espirit.firstspirit.access.store.Previewable	2019-01	
WebSphere Application Server support for FirstSpirit	2019-05	
Control files for Windows and Linux operating systems (old)	2020-08	
Database layer for Oracle Database 11g/12c	2020-12	
FirstSpirit Access API: redirectTemplateLogToDefaultLog() (Interface RenderingAgent.Renderer)	2021-05	
Support for Log4j 1	2022-05	2024-06

## 5 Overview

ID	Description	Categories
CORE-15443	<p>The content of FirstSpirit JAR files is signed with a certificate. In the current FirstSpirit version, the content is signed with a new certificate that is valid until 2025-10-30 (30 October 2025).</p> <p>Further information can be found in chapter “General: Code signing certificate updated”.</p>	Webstart
CORE-15749	<p>While editing input components of the type FS_INDEX, it is now possible to jump to the referenced table template with <b>Ctrl + LEFT CLICK</b>.</p>	Template Development



ID	Description	Categories
CORE-16104	<p>In rule definitions, one can access specific information from the current FirstSpirit element (e.g., GID, UID, ELEMENTTYPE). For datasets within FS_INDEX (DatasetDataAccessPlugin) forms, this information was not available as expected (it was missing in the ContentCreator, and in the SiteArchitect it was context-dependent). This behavior has now been corrected for FS_INDEX (DatasetDataAccessPlugin) forms, ensuring that the information about the current FirstSpirit element always refers to the dataset currently being edited.</p>	Dynamic Forms
CORE-16142	<p>Under certain circumstances, files from FirstSpirit modules, which were installed with the ServerManager, could not be modified or deleted afterwards on Windows systems.</p>	Server Administrator
CORE-16145	<p>For security reasons, exceptions are now output on the surface without a stack trace whenever possible. However, they can be easily identified in the corresponding logfile of the application server using a unique UUID.</p>	Server Administrator
CORE-16185	<p>During the archiving process, a <code>NullPointerException</code> could occur (Cannot invoke <code>"de.espirit.firstspirit.storage.cleanup.TypeRevisionInfo.isCurrentDeleted()"</code> because <code>"typeRevisions"</code> is null).</p>	Archiving
CORE-16188	<p>Support for logging configurations in Log4j1 format has been removed.</p> <p>Further information can be found in chapter “Administration: No support for logging configurations in Log4j1 format”.</p>	Logging, Server Administrator
CORE-16205	<p>An issue with the TLS-encrypted WebSocket connection has been resolved.</p>	Server Administrator
CORE-16219	<p>Revision of clustering with the next FirstSpirit version 2024.7</p> <p>Further information can be found in chapter “Administration: Announcement: Revision of Clustering”.</p>	Server Administrator



ID	Description	Categories
CORE-16225	FirstSpirit Content Experience Tools: Latest module versions  Further information can be found in chapter “FirstSpirit Content Experience Tools (CXT): Latest module versions”.	FirstSpirit Content Experience Tools (CXT)
CXT-3086	While editing datasets by multiple editors, in some cases, it could happen that the form data was not up-to-date when opened.	ContentCreator

## 6 Categories

### 6.1 Archiving

ID	Description
CORE-16185	During the archiving process, a <code>NullPointerException</code> could occur (Cannot invoke <code>de.espirit.firstspirit.storage.cleanup.TypeRevisionInfo.isCurrentDeleted()</code> because <code>"typeRevisions"</code> is null).

### 6.2 ContentCreator

ID	Description
CXT-3086	While editing datasets by multiple editors, in some cases, it could happen that the form data was not up-to-date when opened.

### 6.3 Dynamic Forms

ID	Description
CORE-16104	In rule definitions, one can access specific information from the current FirstSpirit element (e.g., GID, UID, ELEMENTTYPE). For datasets within FS_INDEX (DatasetDataAccessPlugin) forms, this information was not available as expected (it was missing in the ContentCreator, and in the SiteArchitect it was context-dependent). This behavior has now been corrected for FS_INDEX (DatasetDataAccessPlugin) forms, ensuring that the information about the current FirstSpirit element always refers to the dataset currently being edited.





## 6.4 FirstSpirit Content Experience Tools (CXT)

ID	Description
CORE-16225	<p>FirstSpirit Content Experience Tools: Latest module versions</p> <p>Further information can be found in chapter “FirstSpirit Content Experience Tools (CXT): Latest module versions”.</p>

## 6.5 Logging

ID	Description
CORE-16188	<p>Support for logging configurations in Log4j1 format has been removed.</p> <p>Further information can be found in chapter “Administration: No support for logging configurations in Log4j1 format”.</p>

## 6.6 Server Administrator

ID	Description
CORE-16142	Under certain circumstances, files from FirstSpirit modules, which were installed with the ServerManager, could not be modified or deleted afterwards on Windows systems.
CORE-16145	For security reasons, exceptions are now output on the surface without a stack trace whenever possible. However, they can be easily identified in the corresponding logfile of the application server using a unique UUID.
CORE-16188	<p>Support for logging configurations in Log4j1 format has been removed.</p> <p>Further information can be found in chapter “Administration: No support for logging configurations in Log4j1 format”.</p>
CORE-16205	An issue with the TLS-encrypted WebSocket connection has been resolved.
CORE-16219	<p>Revision of clustering with the next FirstSpirit version 2024.7</p> <p>Further information can be found in chapter “Administration: Announcement: Revision of Clustering”.</p>



## 6.7 Template Development

ID	Description
CORE-15749	While editing input components of the type FS_INDEX, it is now possible to jump to the referenced table template with <code>Ctrl + LEFT CLICK</code> .

## 6.8 Webstart

ID	Description
CORE-15443	The content of FirstSpirit JAR files is signed with a certificate. In the current FirstSpirit version, the content is signed with a new certificate that is valid until 2025-10-30 (30 October 2025).  Further information can be found in chapter “General: Code signing certificate updated”.

