



# FirstSpirit™

*Unlock Your Content*

## Release Notes

### FirstSpirit™ 2025.10

<b>Status</b>	<b>RELEASED</b>
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## 1 Administration

### 1.1 Update of internally used software

As of the release 2025.10, the following internally used software has been updated.

- **Spring Boot**  
Update to version 3.5.3
  - CXT Platform
  - DataService
  - ContentCreator
  - Template Development MicroApp

### 1.2 Use of the Jetty Web Server

With FirstSpirit 2023.9, the integrated Embedded Tomcat Web Server for web applications was introduced.

Starting with version 2024.12, the Embedded Tomcat will replace the previous Jetty Web Server as the default server for web applications.

Support for the Jetty Web Server will be discontinued with FirstSpirit **2026.2**.

If the Jetty Web Server is still configured on a FirstSpirit server for one or more web applications, FirstSpirit administrators will see a corresponding notice on the start page of the FirstSpirit server with the current release.

Crownpeak recommends switching the web applications to the Embedded Tomcat Web Server at an early stage.



For productive operations, an external web server is still recommended.



## 2 FirstSpirit Content Experience Tools (CXT)

### 2.1 Latest module versions

FirstSpirit 2025.10 supports the following module versions for FirstSpirit Content Experience Tools.

Module / file name	Version number
FirstSpirit CXT Plattform platform-[version].fsm	6.2.0
FirstSpirit CXT DAP Bridge dataservice-[version].fsm	1.45.0
FirstSpirit CXT FragmentCreator fragment-creator-[version].fsm	5.0.24
FirstSpirit Fragment DAP fragmentdap-[version].fsm	1.40.47
FirstSpirit Media DAP mediadap-[version].fsm	1.31.36
FirstSpirit PageRef DAP pageref-[version].fsm	1.9.36
FirstSpirit Markdown Editor markdown-editor-[version].fsm	1.29.35
FirstSpirit Tagging Editor tagging-editor-[version].fsm	1.29.35
FirstSpirit CXT FragmentCreator - CaaS Integration caas-integration-[version].fsm	1.31.34
FirstSpirit Image Assistant imagerecognition-module-[version].fsm	1.0.65
FirstSpirit Analyze Assistant FirstSpirit-AiAnalyze-[version].fsm	0.9.10
Template Development MicroApp fs-sitedev-microapp-[version].fsm	0.10.0
FirstSpirit Multisite Management fs-multisite-[version].fsm	1.5.9
FirstSpirit Collaboration (Beta) fs-collaboration-[version].fsm	0.9.0



## 3 AI-powered tools

### 3.1 Image Assistant: Folder Scan

The existing **rescan functionality** of the Image Assistant has been extended to now also allow scanning entire media folders in the media store. This enables editors to conveniently generate missing AI-generated image metadata (alt-text) for up to 100 images simultaneously without overwriting existing metadata. Images are only considered if the alt text is missing in the metadata. Nested folders are also taken into account.

A modal dialog displays the progress during processing and also offers the option to move the operation to the background. After completion, a result display appears that informs about the success.



The configuration of the **FirstSpirit AI** is mandatory for the use of the **Image Assistant for alt-text generation**.

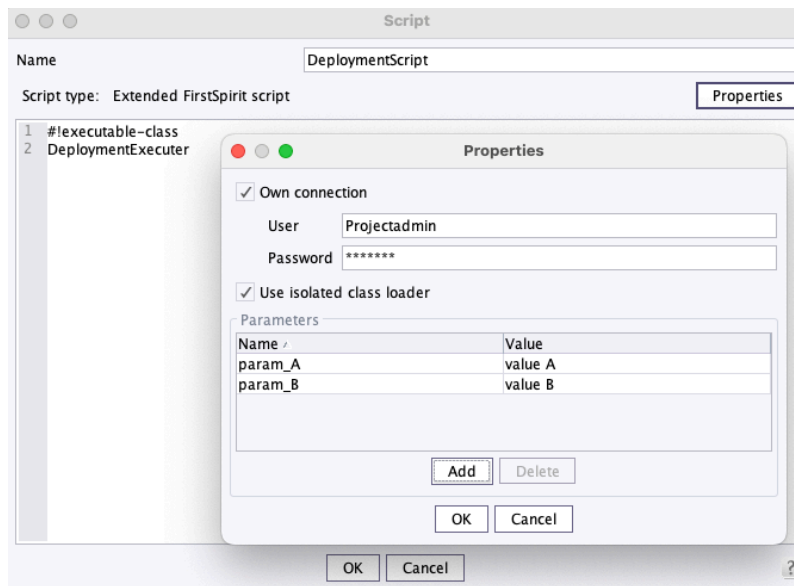
## 4 Module Development, Scripts, API

### 4.1 Executing scripts with isolated class loader

In the current version, new scripts are executed by default with the isolated class loader.

For special use cases, there is still a **setting** available that allows the activation of the not recommended legacy class loader.





The legacy class loader will be discontinued in future versions and therefore can no longer be used permanently.

The use of internal classes that are only accessible via the legacy class loader results in a WARN message when using this loader. However, if the isolated class loader is used, accessing internal classes leads to an error, as this usage is not supported.

Crownpeak therefore recommends that all customers promptly update their scripts and avoid using internal classes, as the use of internal classes will only be possible for a limited transitional period.

If a conversion is not possible, you are kindly asked to report the relevant use case via [Customer Support](#).

## 5 Modules: AWS S3-Deployment

### 5.1 Connection settings for the S3 deployment

In the AWS S3 deployment module, connection settings for the internal HTTP client can now be configured. This can be done through a script that runs before the S3 deployment.



An example script looks as follows:

```
context.setProperty("http.connectionTimeout",
    java.time.Duration.ofSeconds(30));
context.setProperty("http.connectionAcquisitionTimeout",
    java.time.Duration.ofSeconds(15));
```

The following settings can be configured:

Setting	Java type
http.connectionTimeout	java.time.Duration
http.connectionAcquisitionTimeout	java.time.Duration
http.maxConcurrency	java.lang.Integer

This allows for the optimization of the connection settings for the deployment.

## 6 Deprecations

For Crownpeak, 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	
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	



Functionality	Deprecated as of	Will be removed/ Was removed as of
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	
FirstSpirit Access API: setSelectedWebServer (de.espirit.firstspirit.access.project.Project)	2018-10	
FirstSpirit Access API: getLostAndFoundStoreNodes(); (de.espirit.firstspirit.feature.FeatureInstallResult)	2018-10	



Functionality	Deprecated as of	Will be removed/ Was removed as of
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	
FirstSpirit Access API: redirectTemplateLogToDefaultLog() (Interface RenderingAgent.Renderer)	2021-05	
Omnichannel Manager 2.x	2025-01	February 2026
FragmentCreator	2025-01	November 2025
Jetty Web Server	2025-09	February 2026
Java SecurityManager	2025-09	October 2025

## 7 Overview

ID	Description	Categories
CORE-16807	<p>Scripts have historically been executed with FirstSpirit's internal class loader. This contains classes that can change or be removed at any time without warning. For increased stability, the option "Use isolated class loader" can now be activated in the properties of a script. Please check for use of internal classes before switching this setting. New script tasks are now executed by default with the isolated class loader.</p> <p>Further information can be found in chapter "Module Development, Scripts, API: Executing scripts with isolated class loader".</p>	Developer
CORE-17159	In certain cases, during the release of move operations, the references of the moved element were not correctly updated.	Release



ID	Description	Categories
CORE-17274	Deactivating an internal web server could lead to log entries with error messages such as the following: <code>web-server 'Jetty Web Server' was not installed</code>	Server Administrator, Web server
CORE-17277	When creating login tickets during a generation process, the error message <code>"session not found!"</code> could appear in the log since FirstSpirit 2025.7.	Generation
CORE-17281	It is now possible to configure connection settings for the internal HTTP client in the FirstSpirit AWS S3 deployment module to reduce timeouts during uploads and increase stability.  Further information can be found in chapter "Modules: AWS S3-Deployment: Connection settings for the S3 deployment".	AWS S3 Deployment
CORE-17312	In FirstSpirit templates, an issue with the output of <code>CMS_TRIM</code> expressions has been fixed.	Template Development
CORE-17328	The status calculation as well as the detection of changed elements during external synchronization have been optimized.	External synchronization
CORE-17330	Under certain circumstances, <code>configured session cookies</code> were not correctly forwarded from SiteArchitect to the website.	Server Administrator, SiteArchitect
CORE-17344	Use of the Jetty Web Server  Further information can be found in chapter "Administration: Use of the Jetty Web Server".	FirstSpirit Jetty Web Server, Server Administrator
CORE-17347	The version of the integrated web server module "Embedded Tomcat" has been increased to 10.1.44. The use is <b>not</b> suitable for productive operation and should only be for testing purposes.	Server Administrator
CORE-17357	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)
CORE-17390	In connection with the language-dependent release, archiving tasks could end up in an endless loop, which caused increased load on the FirstSpirit server and the database.	Archiving, Language-dependent Release



ID	Description	Categories
CORE-17408	In the <a href="#">Git-based template development</a> for FirstSpirit, the pipeline <code>Sync &gt; FirstSpirit Project -&gt; Git</code> could halt if the Git export for the FirstSpirit project was too large. This error has been fixed.	Template Development
CXT-3493	<p>Under certain circumstances, no new connections could be established to MicroApps such as Site Developer or Multisite Management.</p> <p>Under certain circumstances, no new connections could be established to MicroApps such as <a href="#">Template Development for Content-Creator</a> or <a href="#">Multisite Management</a>.</p>	FirstSpirit Content Experience Tools (CXT)
CXT-3524	<p>FirstSpirit Image Assistant now enables AI-based scanning of entire media folders in ContentCreator for efficient <a href="#">alt-text generation</a> with a maximum of 100 images per action.</p> <p>Further information can be found in chapter “AI-powered tools: Image Assistant: Folder Scan”.</p>	AI-powered tools, Media Store
CXT-3551	The change view in the preview is now redrawn when the navigation size changes. This can also be triggered via the existing API <a href="#">WE_API.Preview.repaint()</a> .	ContentCreator
CXT-3558	<p>Update of internally used software</p> <p>Further information can be found in chapter “Administration: Update of internally used software”.</p>	Integrated software
CXT-3591	A bug in the browser console was fixed, which occurred when using interface languages that are neither German nor English.	Template Development for ContentCreator
CXT-3597	When using a <code>CMS_INPUT_PERMISSION</code> input component, problems could occur if permission groups contained umlauts.	ContentCreator, Input Components
CXT-3602	In OCM 3.0, the pencil icon indicating the option to edit individual input components was still missing, which appears when the mouse moves over these components.	FirstSpirit Omnichannel Manager

