



# FirstSpirit™

*Unlock Your Content*

## Release Notes

### FirstSpirit™ 2025.9

<b>Status</b>	<b>RELEASED</b>
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Copyright	2025 Crownpeak Technology GmbH

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## 1 Administration

### 1.1 Discontinuation 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**.

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.

### 1.2 Update of internally used software

As of the release 2025.9, the following internally used software has been updated.

- **Apache Commons Net**  
Update from version 3.1 to version 3.11.1
- **Google Web Toolkit („GWT“)**  
Update from version 2.11.0 to version 2.12.2

Please note the general advice that when developing modules or scripts, only the **FirstSpirit API** should be used. When using third-party libraries, they should be integrated as "isolated".

### 1.3 Ankündigung: Deaktivierung des Java SecurityManagers

The **SecurityManager** has been part of Java since version 1.0 and allows the configuration of security policies that apply to the entire application. However, it has been **discussed** for more than four years



now to remove it from Java. This goal is now approaching: while Java 17 already marked the class as "to be removed", it is no longer functional in versions from Java 24 onwards.

In addition, the use of the SecurityManager causes further disadvantages:

- Newer software components are no longer compatible, such as Apache Tomcat 11.
- When using concurrency, a set SecurityManager can lead to errors that are difficult to diagnose.
- The permission checks can cause significant performance losses.

FirstSpirit currently uses the SecurityManager in various areas, for example, to secure access to certain program parts or to address potential security vulnerabilities in serialization. Replacement mechanisms have been created for these in recent releases, so disabling it does not pose a security risk. However, there are areas that could not be converted:

- [Securing executions in scripts or templates](#) is no longer possible.
- Manual adjustments in the file `fs-server.policy` no longer have any effect.

The default deactivation of the SecurityManager is scheduled for version **2025.10**. If you use one of the two options mentioned above or have any other questions about the SecurityManager, please contact [Customer Support](#).

## 2 Administration / Modules

### 2.1 No support for modules with legacy resources

Modules with resources that are not marked as "isolated" access internal classes of FirstSpirit as well as internally used libraries, and thus run the risk of no longer functioning after a server upgrade.

As already announced with 2025.2, support for modules with legacy resources was discontinued with FirstSpirit **2025.9**.



## 3 ContentCreator

### 3.1 New UI languages for ContentCreator

The current FirstSpirit version now supports the UI languages Chinese, Japanese, Korean, and Portuguese in the **ContentCreator**.

On the FirstSpirit start page, you can select the language in which the labeling of the menu bar and the dialogs are displayed.

## 4 FirstSpirit Content Experience Tools (CXT)

### 4.1 Latest module versions

FirstSpirit 2025.9 supports the following module versions for FirstSpirit Content Experience Tools.

<b>Module / file name</b>	<b>Version number</b>
FirstSpirit CXT Plattform	6.1.19
<code>platform-[version].fsm</code>	
FirstSpirit CXT DAP Bridge	1.44.37
<code>dataservice-[version].fsm</code>	
FirstSpirit CXT FragmentCreator	5.0.24
<code>fragment-creator-[version].fsm</code>	
FirstSpirit Fragment DAP	1.40.47
<code>fragmentdap-[version].fsm</code>	
FirstSpirit Media DAP	1.31.35
<code>mediadap-[version].fsm</code>	
FirstSpirit PageRef DAP	1.9.35
<code>pageref-[version].fsm</code>	
FirstSpirit Markdown Editor	1.29.35
<code>markdown-editor-[version].fsm</code>	
FirstSpirit Tagging Editor	1.29.35
<code>tagging-editor-[version].fsm</code>	
FirstSpirit CXT FragmentCreator - CaaS Integration	1.31.34
<code>caas-integration-[version].fsm</code>	



FirstSpirit Image Assistant	1.0.64
imagerecognition-module-[version].fsm	
FirstSpirit Analyze Assistant	0.9.10
FirstSpirit-AiAnalyze-[version].fsm	
Template Development MicroApp	0.9.46
fs-sitedev-microapp-[version].fsm	
FirstSpirit Multisite Management	1.5.9
fs-multisite-[version].fsm	
FirstSpirit Collaboration (Beta)	0.9.0
fs-collaboration-[version].fsm	

## 4.2 Unterstützung angepasster Root-Kontexte

A new **configuration option** of the CXT platform now also enables connection to FirstSpirit servers whose homepage is accessible via a customized context path:

```
cxt.platform.firstspirit.root-context=/fs5root
```

## 5 AI-powered tools

### 5.1 Support for Function Calls in FirstSpirit AI

Support for Function Calls in the **FirstSpirit AI API** has been implemented to enable the execution of external functions and actions directly via the API.

Modules or project scripts can define functions with this. This allows, among other things, the provision of data or information that can be evaluated in prompts, as well as the triggering of actions such as text changes, alt-text generation, or the creation of new pages.

## 6 Module: Collaboration

### 6.1 FirstSpirit Collaboration - open beta phase

With the FirstSpirit version 2025.9, the new feature "Collaboration" enters an open beta testing phase.



**FirstSpirit Collaboration** enables direct collaboration with other project users within the Content-Creator.

- Language-specific comments can be added to individual input components, such as headings or images.
- Other project users can respond to comments.
- The FirstSpirit AI agent is available to assist. It understands the context and provides appropriate responses accordingly.

! A suitable license as well as the correct configuration of **FirstSpirit AI** are required to use the FirstSpirit AI agent.

For more information on installation and user introduction, please also refer to the [documentation](#).

## 7 Language-dependent Release

### 7.1 Language-dependent release - open beta phase

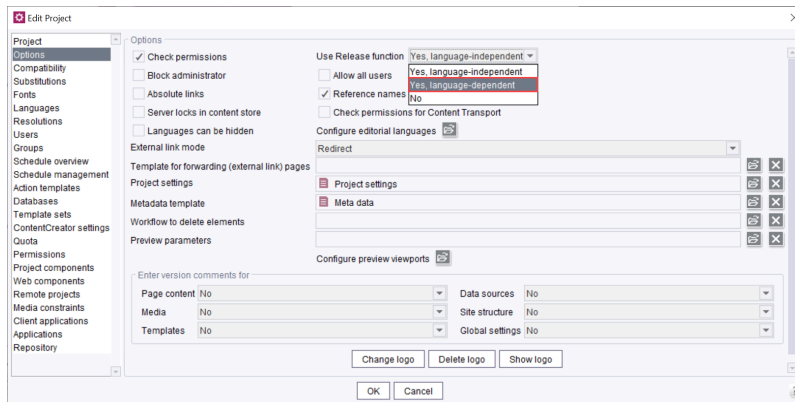
With the FirstSpirit version 2025.9, the new feature "Language-Dependent Release" enters an open beta testing phase.

It enables authorized editors to selectively approve and publish content per language in multilingual projects.

By default, the **language-independent** release is enabled for all projects.

The feature **language-dependent release** can be activated individually for each project in the server manager under the project settings.





**!** Before the first use of language-dependent releases in existing projects, an already existing schema that is to be released language-dependently must be saved once. FirstSpirit logs an error if the database column necessary for the language-dependent release is missing to prevent incorrect releases.

For more information, see also the [documentation](#).

## 8 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	



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_OBJECTCHOOSE	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	
FirstSpirit Access API: redirectTemplateLogToDefaultLog() (Interface RenderingAgent.Renderer)	2021-05	
Omnichannel Manager 2.x	2025-01	February 2026
FragmentCreator	2025-01	November 2025
Modules with legacy resources	2025-02	2025-09
Jetty Web Server	2025-09	February 2026
Java SecurityManager	2025-09	September 2025

## 9 Overview

ID	Description	Categories
CORE-15033	Support for modules with legacy resources was discontinued with the FirstSpirit version 2025.9.  Further information can be found in chapter “Administration / Modules: No support for modules with legacy resources”.	Project Administrator, Server Administrator



ID	Description	Categories
CORE-16962	<p><b>FirstSpirit AI API</b> unterstützt jetzt Function Calls zur Integration externer Funktionen. OpenAI Connector wurde auf die offizielle Java Library umgestellt und ein experimentelles Responses API Plugin hinzugefügt.</p> <p>Further information can be found in chapter “AI-powered tools: Support for Function Calls in FirstSpirit AI”.</p>	AI-powered tools
CORE-17054	The memory usage of ContentTransport has been optimized, especially for packages with many pages and sections.	Content Transport
CORE-17126	<p>Open beta phase for the new feature "Language-dependent release"</p> <p>Further information can be found in chapter “Language-dependent Release: Language-dependent release - open beta phase”.</p>	Language-dependent Release
CORE-17169	A problem with duplicate GIDs in the target project after the installation of a feature via ContentTransport was fixed, provided that the installed package in the target project already contained deleted elements.	Content Transport
CORE-17207	An error in the reference calculation of incoming references in remote projects has been fixed.	Delta generation
CORE-17244 CXT-3502	<p>Update of internally used software</p> <p>Further information can be found in chapter “Administration: Update of internally used software”.</p>	Integrated software
CORE-17265	In certain system environments, invoking the Java SecurityManager can significantly slow down actions. A section of code during generation has been adjusted here to minimize these delays.	Generation, Server Administrator
CORE-17280	<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>	FirstSpirit Content Experience Tools (CXT)



ID	Description	Categories
CORE-17293	Beta phase for the new feature "Collaboration"  Further information can be found in chapter "Module: Collaboration: FirstSpirit Collaboration - open beta phase".	Collaboration
CORE-17302	A problem with importing images in SVG format via External synchronization has been fixed.	External synchronization
CORE-17303	New UI languages for ContentCreator  Further information can be found in chapter "ContentCreator: New UI languages for ContentCreator".	ContentCreator, Languages
CORE-17315	A bug that prevented the deployment of large bundles has been fixed.	Multisite Management
CORE-17318	Since FirstSpirit 2025.6, exceptions could occur when sending emails via the <b>MailService</b> if the call is made from an executable whose module defines dependencies such as <b>Angus Activation</b> .	FirstSpirit API, Module development, Tasks
CORE-17341	Deactivation of the Java SecurityManager  Further information can be found in chapter "Administration: Ankündigung: Deaktivierung des Java SecurityManagers".	Server Administrator
CORE-17343	Discontinuation of the Jetty Web Server  Further information can be found in chapter "Administration: Discontinuation of the Jetty Web Server".	FirstSpirit Jetty Web Server, Server Administrator
CXT-3549	The CXT platform now supports the configuration of a customized root context for FirstSpirit servers.  Further information can be found in chapter "FirstSpirit Content Experience Tools (CXT): Unterstützung angepasster Root-Kontexte".	FirstSpirit Content Experience Tools (CXT)
CXT-3585	Within the language selection in the toolbar, the workflow status per language is now only displayed when language-dependent approval is activated.	ContentCreator

