



FirstSpirit™

Unlock Your Content

Release Notes

FirstSpirit™ 2025.4

Status	RELEASED
Department	FS-Core
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Table of contents

1	Administration.....	3
1.1	Update of internally used software.....	3
2	ContentCreator.....	3
2.1	Navigation: Visibility for the sitemap.....	3
3	FirstSpirit Content Experience Tools (CXT).....	3
3.1	Latest module versions.....	3
4	AI-powered tools.....	4
4.1	Image Assistant: Configuration of the image analysis model.....	4
5	SiteArchitect / ServerManager.....	5
5.1	Java version update.....	5
6	Search.....	6
6.1	Apache Lucene in version 9 in beta operation.....	6
7	Template development.....	6
7.1	Control of the generation of metadata in the output JSON.....	6
8	Deprecations.....	7
9	Overview.....	9



1 Administration

1.1 Update of internally used software

As of the release 2025.4, the following internally used software has been updated.

- **JxBrowser** (Chrome browser engine for displaying the integrated preview in FirstSpirit SiteArchitect)
Update to version 8.4.0 (Chromium 133.0.6943.99) includes security updates.

2 ContentCreator

2.1 Navigation: Visibility for the sitemap

For menu levels and page references, the visibility for the sitemap can be configured in the [navigation area](#) via the context menu entry "Hide in sitemap" or "Show in sitemap".

3 FirstSpirit Content Experience Tools (CXT)

3.1 Latest module versions

FirstSpirit 2025.4 supports the following module versions for FirstSpirit Content Experience Tools.

Module / file name	Version number
FirstSpirit CXT Plattform platform-[version].fsm	6.1.14
FirstSpirit CXT DAP Bridge dataservice-[version].fsm	1.44.2
FirstSpirit CXT FragmentCreator fragment-creator-[version].fsm	5.0.19
FirstSpirit Fragment DAP fragmentdap-[version].fsm	1.40.41
FirstSpirit Media DAP mediadap-[version].fsm	1.31.30
FirstSpirit PageRef DAP pageref-[version].fsm	1.9.30

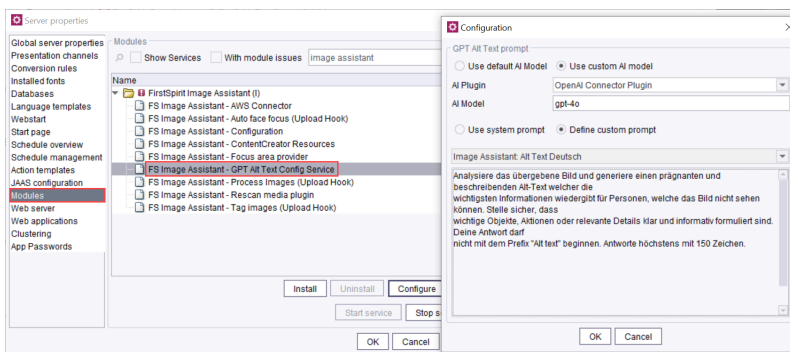


FirstSpirit Markdown Editor	1.29.30
markdown-editor-[version].fsm	
FirstSpirit Tagging Editor	1.29.30
tagging-editor-[version].fsm	
FirstSpirit CXT FragmentCreator - CaaS Integration	1.31.29
caas-integration-[version].fsm	
FirstSpirit Image Assistant	1.0.59
imagerecognition-module-[version].fsm	
FirstSpirit Analyze Assistant	0.9.9
FirstSpirit-AiAnalyze-[version].fsm	
Template Development MicroApp	0.9.40
fs-sitedev-microapp-[version].fsm	
FirstSpirit Multisite Management	1.5.3
fs-multisite-[version].fsm	

4 AI-powered tools

4.1 Image Assistant: Configuration of the image analysis model

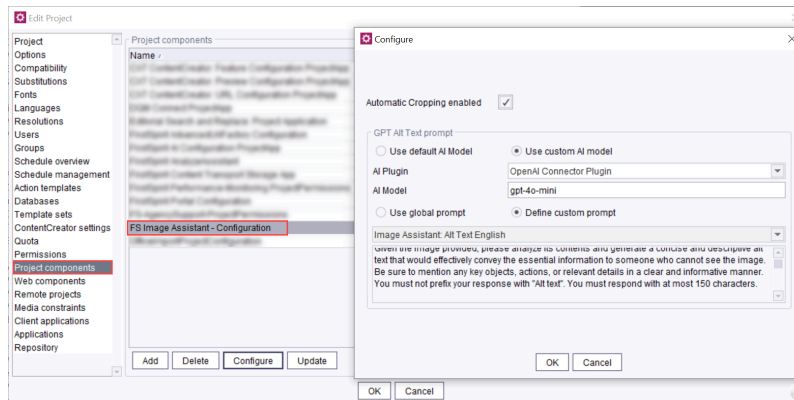
Server-wide, in the "FS Image Assistant - GPT Alt Text Config" service, one can choose between using the global or an individual AI model. In the case of an individual AI model, the desired AI plugin can be selected and the AI model defined.



Use customised AI model

The AI model used in the Image Assistant can also be overridden in the project component "FS Image Assistant - Configuration" for project-specific purposes.





Use customised AI model

For more information, see also [Documentation for Image Assistant](#).

5 SiteArchitect / ServerManager

5.1 Java version update

The FirstSpirit desktop apps (FirstSpirit SiteArchitect and ServerManager) are started and updated (rolled out) via the **FirstSpirit Launcher**.

The “**FirstSpirit Launcher JRE**” module enables customers and partners to easily switch between different Java versions for the operation of Java-based applications. The desired Java version can be selected server-wide for Microsoft Windows and macOS separately.

The included Java versions have been updated with the current release.

- 17.0.12+7 -> 17.0.14+7
(Default - the version delivered with the FirstSpirit Launcher)
- 21.0.4+7 -> 21.0.6+7



6 Search

6.1 Apache Lucene in version 9 in beta operation

The internal search engine based on **Apache Lucene** has been moved from the FirstSpirit server to a separate module that will be automatically installed with FirstSpirit version 2024.11. This step allows for the parallel operation of or transition to a newer version of Lucene.

In the [documentation for FirstSpirit administrators](#), the corresponding configuration parameters for the search engine are described. Currently, version 9 of Apache Lucene is considered **beta**, and the default value remains Lucene 3 until further notice.

7 Template development

7.1 Control of the generation of metadata in the output JSON

For JSON generation, the new setting `metaDataRenderMode` is now supported, which allows for the control of metadata generation in the output JSON. The setting can be configured as follows:

```
$CMS_SET(#global.json.metaDataRenderMode, "IF_DEFINED")$
```

The following values are supported:

- NONE
No metadata will be output.
- IF_DEFINED (default setting)
The metadata defined for the current element is output.
- INHERITED_OR_DEFINED
All metadata is recursively inherited from a store element's parent nodes.
- INTELLIGENT
As INHERITED_OR_DEFINED, however, it is avoided that redundant outputs of the metadata occur.



- **INTELLIGENT_CAAS**

How **INTELLIGENT**, except that the inheritance is performed at the level of elements instead of individual input components.

The parameters `metaDataRendering` and `metaInheritanceRendering` have now been marked as "deprecated" and should be replaced with the render modes `NONE`, `IF_DEFINED`, and `INHERITED_OR_DEFINED`.

For more information, see also [JSON output of metadata](#).

8 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	
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	



Functionality	Deprecated as of	Will be removed/ Was removed as of
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	
FirstSpirit Access API: getDeletedStoreNodes(); (de.espirit.firstspirit.feature.FeatureInstallResult)	2018-10	
FirstSpirit Access API: de.espirit.firstspirit.access.store.Previewable	2019-01	



Functionality	Deprecated as of	Will be removed/ Was removed as of
WebSphere Application Server support for FirstSpirit	2019-05	
FirstSpirit Access API: redirectTemplateLogToDefaultLog() (Interface RenderingAgent.Renderer)	2021-05	
Omnichannel Manager 2.x	2025-01	November 2025
FragmentCreator	2025-01	November 2025
Modules with legacy resources	2025-02	August 2025
FirstSpirit Agency Support	2025-02	August 2025

9 Overview

ID	Description	Categories
CORE-16471	<p>The new setting <code>metaDataRenderMode</code> allows for the control of metadata generation in the output JSON.</p> <p>Further information can be found in chapter “Template development: Control of the generation of metadata in the output JSON”.</p>	Support for JSON
CORE-16524	<p>Beta operation of Apache Lucene in version 9</p> <p>Further information can be found in chapter “Search: Apache Lucene in version 9 in beta operation”.</p>	Search, Server Administrator
CORE-16862	<p>A bug has been fixed that could cause outdated redirects not to be deleted. Additionally, the "AWS URL Redirect" module has been updated to the new AWS API.</p>	AWS URL Redirect
CORE-16896	<p>With the current release, the Java versions have been updated.</p> <p>Further information can be found in chapter “SiteArchitect / ServerManager: Java version update”.</p>	Launcher



ID	Description	Categories
CORE-16909	<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-16924	<p>For the image assistant, the AI model for analyzing images can now be configured separately from the standard model.</p> <p>Further information can be found in chapter “AI-powered tools: Image Assistant: Configuration of the image analysis model”.</p>	AI-powered tools
CORE-16939 CORE-16988	<p>The metrics downloadable from ServerMonitoring now include additional information on the runtime environment, memory usage, the number and size of the projects, the current connections, as well as the web applications of a server.</p>	Server Administrator, ServerMonitoring
CORE-16958	<p>The map passed in the method init from the interface UrlFactory (FirstSpirit-API, package <code>de.espirit.firstspirit.generate</code>) uses keys that are case-insensitive. This was not correctly considered when calling getOrDefault or containsKey.</p>	FirstSpirit API
CORE-16966	<p>When using an AsynchronousChannel, exceptions may occur in concurrently executed actions.</p>	Developer
CORE-16968	<p>Due to a follow-up error, the error correction for the transfer of language-dependent default values (CORE-15027, since version 2024.13) was temporarily deactivated in the FirstSpirit release 2025.3 when the target project has more languages than the source project. With the current release, the follow-up error related to the transport of modified forms has been fixed. Consequently, the error correction for the transfer of language-dependent default values is now reactivated.</p>	Content Transport
CORE-16975	<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)
CORE-16976	<p>The deletion of original resolutions via the FirstSpirit Access API is no longer possible.</p>	FirstSpirit API



ID	Description	Categories
CXT-3320	Configuration of visibility for the sitemap Further information can be found in chapter “ContentCreator: Navigation: Visibility for the sitemap”.	ContentCreator
CXT-3369	In the Template Development for ContentCreator, the code completion for forms has been improved.	Template Development for ContentCreator
DQMMOD-50	A bug in the browser console has been fixed in the DQMConnect module, which occurred when using it in headless projects.	DQM Connect

