



FirstSpirit™

Unlock Your Content

Release Notes

FirstSpirit™ 2024.8

Status	RELEASED
Department	FS-Core
Copyright	2024 Crownpeak Technology GmbH

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1 Administration

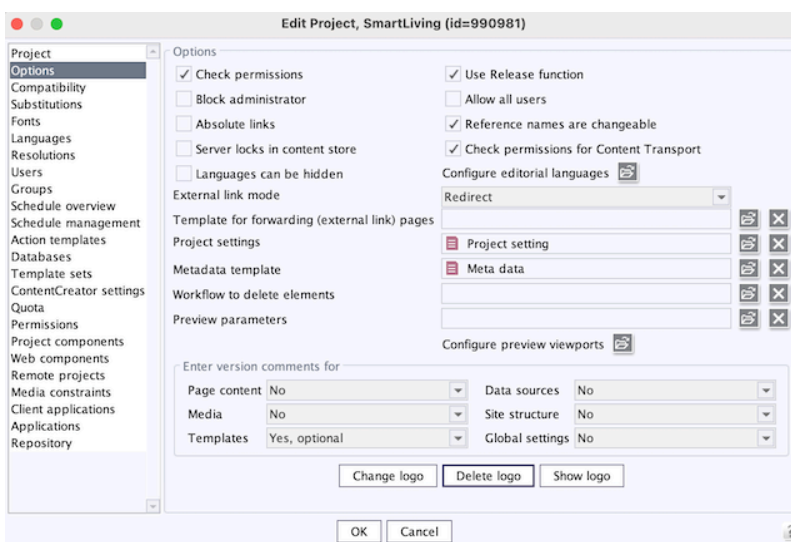
1.1 Set initial admin password via environment variable

For a newly installed FirstSpirit server, the password for the admin user can now be set with an environment variable FS_ADMIN_PASSWORD.

If the admin user has already been created, the environment variable has no effect.

1.2 Permissions check for Content Transport

With the current FirstSpirit version, there is a new option in the **project properties** called "Permissions check for Content Transport".



Permissions check for Content Transport

If this checkbox is **enabled**, it is requisite that the user possesses all necessary permissions for all adjustments (including changing, creating, and deleting) to be performed during the feature installation in the target project.

If the checkbox is **disabled**, no permissions check is performed during feature installation.

This option is enabled by default when creating a new project.



For existing projects, it is necessary to activate the checkbox if a permissions check is desired.

2 Administration / Modules

2.1 Discontinuation: Automatic Jakarta EE Migrator for WebApps

The Jakarta EE Migrator for web applications introduced with FirstSpirit 2023.9 is planned to be removed with version **2024.9**.

With the current FirstSpirit version 2024.8, a warning message appears on the FirstSpirit start page for server or project administrators if **web components** are still being used in a global or project-local **web application** that are not marked as Jakarta-compliant (i.e. not marked with Servlet API 6.0).

More information and updates can be found in the [Crownpeak Community](#).

Contact [Customer Support Team](#) if you have questions or feedback regarding the migration.

3 FirstSpirit Content Experience Tools (CXT)

3.1 Latest module versions

FirstSpirit 2024.8 supports the following module versions for FirstSpirit Content Experience Tools.

Module / file name	Version number
FirstSpirit CXT Plattform	6.1.6
<code>platform-[version].fsm</code>	
FirstSpirit CXT DAP Bridge	1.44.24
<code>dataservice-[version].fsm</code>	
FirstSpirit CXT FragmentCreator	5.0.11
<code>fragment-creator-[version].fsm</code>	
FirstSpirit Fragment DAP	1.40.32
<code>fragmentdap-[version].fsm</code>	
FirstSpirit Media DAP	1.31.22
<code>mediadap-[version].fsm</code>	
FirstSpirit PageRef DAP	1.9.22
<code>pageref-[version].fsm</code>	
FirstSpirit Markdown Editor	1.29.22
<code>markdown-editor-[version].fsm</code>	



FirstSpirit Tagging Editor	1.29.22
tagging-editor-[version].fsm	
FirstSpirit CXT FragmentCreator - CaaS	1.31.22
Integration	
caas-integration-[version].fsm	
FirstSpirit Image Assistant	1.0.50
imagerecognition-module-[version].fsm	
FirstSpirit Analyze Assistant	0.9.3 (Beta)
FirstSpirit-AiAnalyze-[version].fsm	
Template Development MicroApp	0.9.31
fs-sitedev-microapp-[version].fsm	
FirstSpirit Multisite Management	0.30.7
fs-multisite-[version].fsm	

4 FirstSpirit Omnichannel Manager (TPP)

4.1 Release: Omnichannel Manager 3.0

With the current version of FirstSpirit, the **Omnichannel Manager 3.0** is officially released.

The **Omnichannel Manager** (OCM) is an integral part of cross-platform content management in FirstSpirit. In combination with the FirstSpirit ContentCreator, the OCM allows preview editing of external applications, enabling editors to make changes and see them in real time.

For more information, see the [documentation for the Omnichannel Manager 3.0](#).

Support for **Omnichannel Manager 2.x** will be discontinued in the medium term.

5 AI-powered tools

5.1 AI-powered tools: Analyze Assistant (Beta status)

The **Analyze Assistant** helps the editor in the ContentCreator to carry out text-related analyses on the displayed page in the current language and to directly implement the suggested improvements.

With the current release, Crownpeak is expanding the user circle to obtain further feedback and insights from partners and clients on the functionality that results from concrete use cases.



The functionality itself has already been subjected to intensive quality assurance. However, it has not yet been officially released. So, if you are interested, we recommend that you first test it in a development environment.

For more information, see the [documentation for the Analyze Assistant](#).

Note: A corresponding license is required to use the Analyze Assistant as well as other AI-powered tools.

5.2 AI-powered tools: Content Assistant

With the current version of FirstSpirit, the **Content Assistant** is officially released.

The Content Assistant supports editors in ContentCreator in creating and editing content more efficiently and intuitively. Through intelligent automation, the Content Assistant facilitates daily workflows and contributes to higher productivity.

For more information, see the [documentation for the Content Assistant](#).

Note: A corresponding license is required to use the Content Assistant as well as other AI-powered tools.

5.3 AI-powered tools: Image Assistant

With the current version of FirstSpirit, the **Image Assistant** is officially released.

In the ContentCreator, alt text can be automatically generated for uploaded images with the help of AI. AI-assisted alt text generation is an extension of the [automatic image cropping](#) functionality.

For more information, see the [documentation for the Image Assistant](#).

Note: A corresponding license is required to use the Image Assistant as well as other AI-powered tools.

6 Module Development, Scripts, API

6.1 Removal of Internally Used Components

As of release 2024.8, some internally used components were removed. This affects the following library:



■ Apache HttpClient 4.5.14

! Modules that still use “Legacy Mode” and the library accessible (in this mode) via FirstSpirit may need to be adapted accordingly.

Note: Since “Legacy Mode” is no longer supported, affected modules should be switched to “Isolated Mode” if possible (see [Module development "Isolated"](#)).

As a temporary solution, the “Legacy Libraries” module (`fs-legacy-libraries.fsm`) can be installed (available through Customer Support). This module contains libraries that were previously delivered with FirstSpirit.

The module provides the following libraries as legacy resources:

- `org.apache.httpcomponents:fluent-hc` in the version 4.5.14
- `org.apache.httpcomponents:httpclient` in the version 4.5.14
- `org.apache.httpcomponents:httpclient-win` in the version 4.5.14
- `org.apache.httpcomponents:httpcore` in the version 4.4.16
- `org.apache.httpcomponents:httpmime` in the version 4.5.14

7 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	
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	

8 Overview

ID	Description	Categories
CORE-11185	Within form rules, complex editor values can now be used in a ValueService (e.g., for an FS_REFERENCE input component). In addition, optimizations have been made regarding the frequency of rule executions.	Dynamic Forms
CORE-13719	The countries configured in the browser are taken into account by FirstSpirit, e.g., English (United Kingdom) and English (United States). Accordingly, the correct calendar week is displayed in the date selection dialog.	Languages, SiteArchitect
CORE-14113	FirstSpirit now automatically removes outdated module files during server startup if an updated module version is available.	Server Administrator



ID	Description	Categories
CORE-15931	<p>With the current FirstSpirit version, there is a new option in the project properties called "Permissions check for Content Transport".</p> <p>Further information can be found in chapter "Administration: Permissions check for Content Transport".</p>	Content Transport, Permissions
CORE-16132	A problem with the timeout of revisions during the import via feature transport has been fixed.	Content Transport
CORE-16158	The call of a constructor of the class <code>Attachment</code> (FirstSpirit API, package <code>de.espirit.firstspirit.access</code>) could lead to a <code>NoClassDefFoundError</code> in the context of an application server.	FirstSpirit API
CORE-16201	The deployment of web applications to an external Tomcat server has been optimized.	Server Administrator
CORE-16257	When using the embedded Tomcat web server, in certain situations the management interface in the <code>ServerManager</code> might not be displayed correctly.	Server Administrator
CORE-16266	For the "Embedded Tomcat" module, the version of the application server used has been updated to 10.1.24.	Server Administrator
CORE-16272	<p>The Jakarta EE Migrator for web applications introduced with FirstSpirit 2023.9 will no longer be available with version 2024.9.</p> <p>Further information can be found in chapter "Administration / Modules: Discontinuation: Automatic Jakarta EE Migrator for WebApps".</p>	Modules, Server Administrator
CORE-16298	The performance when accessing the server's language templates has been improved.	Performance
CORE-16303	A call to the <code>export functionality</code> via a Beanshell script could lead to an exception.	FirstSpirit API
CORE-16306	Limiting the logging level to <code>WARN</code> could lead to an inconsistent state in FirstSpirit, preventing web applications from starting.	Server Administrator
CORE-16322	<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-16329	Removal of Internally Used Components Further information can be found in chapter "Module Development, Scripts, API: Removal of Internally Used Components".	Integrated software
CORE-16352	The installation of web applications on a web server of the type "Embedded Tomcat" did not result in an error message when the corresponding service was stopped.	Server Administrator, Web server
CORE-16355	When saving text media with special characters, it could happen that not all lines were retained.	Template Development for ContentCreator
CORE-16369	The initial admin password can be set via the environment variable. Further information can be found in chapter "Administration: Set initial admin password via environment variable".	Server Administrator
CORE-16370	For the "FirstSpirit Multisite Management" module, an update to the current Spring version has been carried out. This update removes the possibility of a subsequent downgrade to a version older than 0.30.7.	Multisite Management
CORE-16377	With the current version of FirstSpirit, the Omnichannel Manager 3.0 is officially released. Further information can be found in chapter "FirstSpirit Omnichannel Manager (TPP): Release: Omnichannel Manager 3.0".	FirstSpirit Omnichannel Manager
CORE-16383	Beta status for the AI-powered tool Analysis Assistant . Further information can be found in chapter "AI-powered tools: AI-powered tools: Analyze Assistant (Beta status)".	AI-powered tools
CORE-16393	With the current version of FirstSpirit, the Image Assistant is officially released. Further information can be found in chapter "AI-powered tools: AI-powered tools: Image Assistant".	AI-powered tools



ID	Description	Categories
CXT-3324	<p>With the current version of FirstSpirit, the Content Assistant is officially released.</p> <p>Further information can be found in chapter “AI-powered tools: AI-powered tools: Content Assistant”.</p>	AI-powered tools

9 Categories

9.1 Content Transport

ID	Description
CORE-15931	<p>With the current FirstSpirit version, there is a new option in the project properties called "Permissions check for Content Transport".</p> <p>Further information can be found in chapter “Administration: Permissions check for Content Transport”.</p>
CORE-16132	A problem with the timeout of revisions during the import via feature transport has been fixed.

9.2 Dynamic Forms

ID	Description
CORE-11185	<p>Within form rules, complex editor values can now be used in a ValueService (e.g., for an FS_REFERENCE input component). In addition, optimizations have been made regarding the frequency of rule executions.</p>

9.3 FirstSpirit Content Experience Tools (CXT)

ID	Description
CORE-16322	FirstSpirit Content Experience Tools: Latest module versions



ID	Description
	Further information can be found in chapter “FirstSpirit Content Experience Tools (CXT): Latest module versions”.

9.4 FirstSpirit Omnichannel Manager

ID	Description
CORE-16377	With the current version of FirstSpirit, the Omnichannel Manager 3.0 is officially released. Further information can be found in chapter “FirstSpirit Omnichannel Manager (TPP): Release: Omnichannel Manager 3.0”.

9.5 FirstSpirit API

ID	Description
CORE-16158	The call of a constructor of the class <code>Attachment</code> (FirstSpirit API, package <code>de.espirit.firstspirit.access</code>) could lead to a <code>NoClassDefFoundError</code> in the context of an application server.
CORE-16303	A call to the <code>export functionality</code> via a Beanshell script could lead to an exception.

9.6 Integrated software

ID	Description
CORE-16329	Removal of Internally Used Components Further information can be found in chapter “Module Development, Scripts, API: Removal of Internally Used Components”.



9.7 AI-powered tools

ID	Description
CORE-16383	<p>Beta status for the AI-powered tool Analysis Assistant.</p> <p>Further information can be found in chapter “AI-powered tools: AI-powered tools: Analyze Assistant (Beta status)”.</p>
CORE-16393	<p>With the current version of FirstSpirit, the Image Assistant is officially released.</p> <p>Further information can be found in chapter “AI-powered tools: AI-powered tools: Image Assistant”.</p>
CXT-3324	<p>With the current version of FirstSpirit, the Content Assistant is officially released.</p> <p>Further information can be found in chapter “AI-powered tools: AI-powered tools: Content Assistant”.</p>

9.8 Modules

ID	Description
CORE-16272	<p>The Jakarta EE Migrator for web applications introduced with FirstSpirit 2023.9 will no longer be available with version 2024.9.</p> <p>Further information can be found in chapter “Administration / Modules: Discontinuation: Automatic Jakarta EE Migrator for WebApps”.</p>

9.9 Multisite Management

ID	Description
CORE-16370	<p>For the "FirstSpirit Multisite Management" module, an update to the current Spring version has been carried out. This update removes the possibility of a subsequent downgrade to a version older than 0.30.7.</p>



9.10 Performance

ID	Description
CORE-16298	The performance when accessing the server's language templates has been improved.

9.11 Permissions

ID	Description
CORE-15931	<p>With the current FirstSpirit version, there is a new option in the project properties called "Permissions check for Content Transport".</p> <p>Further information can be found in chapter "Administration: Permissions check for Content Transport".</p>

9.12 Server Administrator

ID	Description
CORE-14113	FirstSpirit now automatically removes outdated module files during server startup if an updated module version is available.
CORE-16201	The deployment of web applications to an external Tomcat server has been optimized.
CORE-16257	When using the embedded Tomcat web server, in certain situations the management interface in the ServerManager might not be displayed correctly.
CORE-16266	For the "Embedded Tomcat" module, the version of the application server used has been updated to 10.1.24.
CORE-16272	<p>The Jakarta EE Migrator for web applications introduced with FirstSpirit 2023.9 will no longer be available with version 2024.9.</p> <p>Further information can be found in chapter "Administration / Modules: Discontinuation: Automatic Jakarta EE Migrator for WebApps".</p>
CORE-16306	Limiting the logging level to <code>WARN</code> could lead to an inconsistent state in FirstSpirit, preventing web applications from starting.



ID	Description
CORE-16352	The installation of web applications on a web server of the type "Embedded Tomcat" did not result in an error message when the corresponding service was stopped.
CORE-16369	The initial admin password can be set via the environment variable. Further information can be found in chapter "Administration: Set initial admin password via environment variable".

9.13 SiteArchitect

ID	Description
CORE-13719	The countries configured in the browser are taken into account by FirstSpirit, e.g., English (United Kingdom) and English (United States). Accordingly, the correct calendar week is displayed in the date selection dialog.

9.14 Languages

ID	Description
CORE-13719	The countries configured in the browser are taken into account by FirstSpirit, e.g., English (United Kingdom) and English (United States). Accordingly, the correct calendar week is displayed in the date selection dialog.

9.15 Template Development for ContentCreator

ID	Description
CORE-16355	When saving text media with special characters, it could happen that not all lines were retained.



9.16 Web server

ID	Description
CORE-16352	The installation of web applications on a web server of the type "Embedded Tomcat" did not result in an error message when the corresponding service was stopped.

