FirstSpirit™
Unlock Your Content

Release Notes
FirstSpirit™ 2024.2

Status   **RELEASED**

Department   FS-Core
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1   Administration

1.1   Convert an internal group into an external group

An internal group can be converted into an external group by a server administrator. All users in the group will be automatically marked as "external users". Conversion takes place after the project is saved.

> **!**   External groups **cannot** be converted to internal groups.

For further information, see chapter Edit Groups (*FirstSpirit ServerManager / Project properties / Groups* (→*Documentation for Administrators*))

1.2   Compatibility: 'PostGreSQL' database

In this release, **PostgreSQL 15.x** (reference) and **PostgreSQL 16.x** are officially allowed to be used with FirstSpirit.

2   FirstSpirit Content Experience Tools (CXT)

2.1   Latest module versions

FirstSpirit 2024.2 supports the following module versions for FirstSpirit Content Experience Tools.

Module / file name	Version number
FirstSpirit CXT Plattform	6.1.0
platform-[version].fsm	
FirstSpirit CXT DAP Bridge	1.44.18
dataservice-[version].fsm	
FirstSpirit CXT FragmentCreator	5.0.5
fragment-creator-[version].fsm	
FirstSpirit Fragment DAP	1.40.27
fragmentdap-[version].fsm	
FirstSpirit Media DAP	1.31.17
mediadap-[version].fsm	

FirstSpirit PageRef DAP	1.9.17
`pageref-[version].fsm`	
FirstSpirit Markdown Editor	1.29.16
`markdown-editor-[version].fsm`	
FirstSpirit Tagging Editor	1.29.16
`tagging-editor-[version].fsm`	
FirstSpirit CXT FragmentCreator - CaaS Integration	1.31.16
`caas-integration-[version].fsm`	

3 Module Development, Scripts, API

3.1 New method for determining the global UUID of a project

The interface `Project` (package `de.espirit.firstspirit.access.project`) was extended by a new method `getUuid()`, which returns the unique GID of a project.

4 Modules: DQM Connect

4.1 DQM Connect: FirstSpirit Verification Service

The "DQM Connect" module provides the DQMConnectorVerificationService. This service allows the use of DQM functionality in scripts and workflows.

For more information, please see the document DQM Connect, developer notes.

5 System

5.1 Updates to integrated third-party software

As of the current release, the following internally used software has been updated:

- **Spring Boot**
  Update from version 3.1.2 to version 3.2.1
  Note: In order to use a MicroApp with Spring Boot 3.2, it is necessary to integrate the CXT platform in version 6.1.0 or higher.

6 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 Developer 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 Developer API: getLastLoginAsDate (de.espirit.firstspirit.agency.UserStatisticsAgent)	2018-07	

Functionality	Deprecated as of	Will be removed/ Was removed as of
FirstSpirit Developer API: remainingDurationOfCurrentStageInMillis (de.espirit.firstspirit.server.MaintenanceModeInfo)	2018-07	
FirstSpirit Developer API: getStartingTimeOfStageAsDate (de.espirit.firstspirit.server.MaintenanceModeInfo)	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 Developer API: getLostAndFoundStoreNodes(); (de.espirit.firstspirit.feature.FeatureInstallResult)	2018-10	
FirstSpirit Developer 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 Developer API: redirectTemplateLogToDefaultLog() (Interface RenderingAgent.Renderer)	2021-05	

Functionality	Deprecated as of	Will be removed/ Was removed as of
Support for Log4j 1	2022-05	

7   Overview

ID	Description	Categories
CORE-1342	The configuration option for setting module permissions in the FirstSpirit ServerManager has been removed. Additionally, the methods `setTrusted` and `isTrusted` in the ModuleAdminAgent interface (Package `de.espirit.firstspirit.agency`) are no longer available.	Server Administrator
CORE-14485	During the start of the FirstSpirit server, misleading error messages of the form "`Could not find file`" could appear from the `InstallUtil` class. These had no effect and are no longer appearing now.	Server Administrator
CORE-14929	Internal groups can be converted into external groups. Further information can be found in chapter "Administration: Convert an internal group into an external group".	Server Administrator
CORE-15242	New method `getUuid()` in the interface `Project` (package `de.espirit.firstspirit.access.project`) Further information can be found in chapter "Module Development, Scripts, API: New method for determining the global UUID of a project".	FirstSpirit API, Server Administrator
CORE-15840	The display of log entries in ServerMonitoring could contain duplicate entries. This has been resolved. It should be noted that the display requires a configured FSAppender with `datedLogging` enabled, as specified in the default configuration.	Server Administrator
CORE-15850	The access to URLs has been optimized, resulting in improved generation times for projects with many SEO-URLs.	Generation, Performance

ID	Description	Categories
CORE-15939	In this release, PostgreSQL 15.x and 16.x is officially allowed to be used with FirstSpirit. Further information can be found in chapter "Administration: Compatibility: 'PostGreSQL' database".	Content Store, Database, Developer, FirstSpirit Administrator
CORE-15942	A call to the method `clearCache()` (FirstSpirit Access-API, interface `UserService`, package `de.espirit.firstspirit.access`) now also deletes possibly cached SEO-URLs.	FirstSpirit API
CORE-15947	If a `filter` or a `listener` that is registered with the IDProviderEventAgent or EventBusAgent implements the `Closeable` interface, it will now be notified through the call to the `Close` method when the respective connection is closed.	FirstSpirit API
CORE-15953	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-15954	The configuration file `fs-server-aux.conf` is now regularly checked for changes.	Server Administrator
CORE-15962	With the current FirstSpirit version, the class `UrlEvent` (Package `de.espirit.firstspirit.event`) provides a new method called `getPageParamsSuffix()` that returns the `PageParamsSuffix`.	FirstSpirit API
CORE-15976	When using the "Apache FOP" module (`fs-fop.fsm`), events of the FOP processor are now processed through the configured FirstSpirit logging.	Logging, Modules
CORE-15981	The use of websockets (introduced in FirstSpirit version 2024.1) has been temporarily disabled due to rare issues encountered during its usage.	Server Administrator
CXT-3136 CXT-2934	Updates to integrated third-party software Further information can be found in chapter "System: Updates to integrated third-party software".	ContentCreator

ID	Description	Categories
CXT-3143	When using the `NewSectionOperation`, the original section was returned instead of the new section reference when creating a section reference.	FirstSpirit API
CXT-3145	The order of content areas in a page template is now considered in the navigation area.	ContentCreator
DQMMOD-21	The logging for the "DQMConnect" module has been expanded. Instead of displaying an error dialog, errors are now logged as warnings, without affecting further use of the SiteArchitect.	DQM Connect
DQMMOD-24	The "DQM Connect" module provides the DQMConnectorVerificationService. This service allows the use of DQM functionality in scripts and workflows. Further information can be found in chapter "Modules: DQM Connect: DQM Connect: FirstSpirit Verification Service".	DQM Connect

8   Categories

8.1   ContentCreator

ID	Description
CXT-3136 CXT-2934	Updates to integrated third-party software Further information can be found in chapter "System: Updates to integrated third-party software".
CXT-3145	The order of content areas in a page template is now considered in the navigation area.

8.2   Database

ID	Description
CORE-15939	In this release, PostgreSQL 15.x and 16.x is officially allowed to be used with FirstSpirit. Further information can be found in chapter "Administration: Compatibility: 'PostGreSQL' database".

8.3   Content Store

ID	Description
CORE-15939	In this release, PostgreSQL 15.x and 16.x is officially allowed to be used with FirstSpirit. Further information can be found in chapter "Administration: Compatibility: 'PostGreSQL' database".

8.4   DQM Connect

ID	Description
DQMMOD-21	The logging for the "DQMConnect" module has been expanded. Instead of displaying an error dialog, errors are now logged as warnings, without affecting further use of the SiteArchitect.
DQMMOD-24	The "DQM Connect" module provides the DQMConnectorVerificationService. This service allows the use of DQM functionality in scripts and workflows. Further information can be found in chapter "Modules: DQM Connect: DQM Connect: FirstSpirit Verification Service".

8.5   Developer

ID	Description
CORE-15939	In this release, PostgreSQL 15.x and 16.x is officially allowed to be used with FirstSpirit. Further information can be found in chapter "Administration: Compatibility: 'PostGreSQL' database".

8.6   FirstSpirit Content Experience Tools (CXT)

ID	Description
CORE-15953	FirstSpirit Content Experience Tools: Latest module versions

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

8.7   FirstSpirit Administrator

ID	Description
CORE-15939	In this release, PostgreSQL 15.x and 16.x is officially allowed to be used with FirstSpirit. Further information can be found in chapter "Administration: Compatibility: 'PostGreSQL' database".

8.8   FirstSpirit API

ID	Description
CORE-15242	New method `getUuid()` in the interface `Project` (package `de.espirit.firstspirit.access.project`) Further information can be found in chapter "Module Development, Scripts, API: New method for determining the global UUID of a project".
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CORE-15962	With the current FirstSpirit version, the class `UrlEvent` (Package `de.espirit.firstspirit.event`) provides a new method called `getPageParamsSuffix()` that returns the `PageParamsSuffix`.
CXT-3143	When using the NewSectionOperation, the original section was returned instead of the new section reference when creating a section reference.

8.9   Generation

ID	Description
CORE-15850	The access to URLs has been optimized, resulting in improved generation times for projects with many SEO-URLs.

8.10   Logging

ID	Description
CORE-15976	When using the "Apache FOP" module (`fs-fop.fsm`), events of the FOP processor are now processed through the configured FirstSpirit logging.

8.11   Modules

ID	Description
CORE-15976	When using the "Apache FOP" module (`fs-fop.fsm`), events of the FOP processor are now processed through the configured FirstSpirit logging.

8.12   Performance

ID	Description
CORE-15850	The access to URLs has been optimized, resulting in improved generation times for projects with many SEO-URLs.

8.13   Server Administrator

ID	Description
CORE-1342	The configuration option for setting module permissions in the FirstSpirit ServerManager has been removed. Additionally, the methods `setTrusted` and `isTrusted` in the

ID	Description
	ModuleAdminAgent interface (Package `de.espirit.firstspirit.agency`) are no longer available.
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