



# FirstSpirit™

*Unlock Your Content*

## Release Notes

### FirstSpirit™ 2024.7

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

### 1.1 Update of internally used software

As of the release 2024.7, the following internally used software has been updated.

- **JxBrowser** (Chrome browser engine for displaying the integrated preview in FirstSpirit SiteArchitect)  
Update to version 7.38.2 (Chromium 124.0.6367.92) --> includes security updates
- **Apache Derby** (integrated database for testing purposes)  
Update from version 10.14.2.1 to 10.16.1.1

### 1.2 Revision of Clustering

**Clustering** underwent a comprehensive overhaul with the current FirstSpirit version.

The focus is on significantly simplifying the configuration and avoiding shared file systems. The slave server only needs access to the master server's socket port.

Also, the need to adjust the configuration of the master server to use the clustering functionality has been eliminated.

## 2 General

### 2.1 Synchronisation of Remote Content

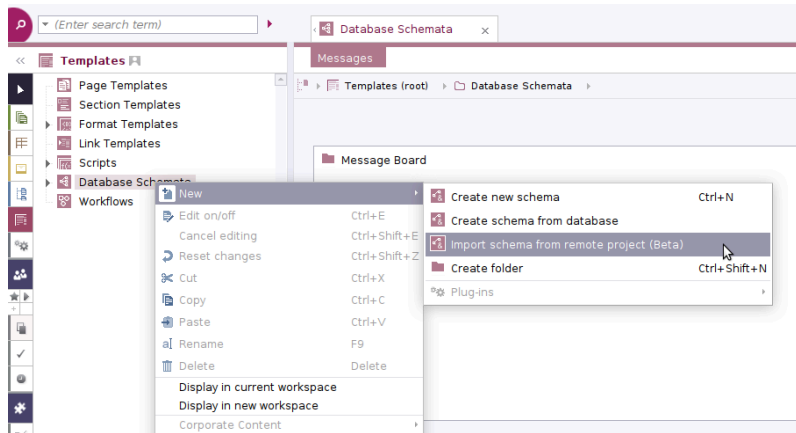
With the option of **integrating read-only data sources** from other projects, it is possible to use database contents in multiple projects. Previously, changes in the source project were not automatically synchronized, meaning that for example references were not available or search results were incomplete.

Version 2024.7 of FirstSpirit now allows such synchronization of content (currently in beta status) in just a few steps:

- In the database settings of the target project, the database of the source project must be selected as "read-only" and with the option "No schema sync". Please note that the source has to be a **standard layer**.



- Create a **new database schema** and select the "Import schema from remote project (Beta)" option
- Add a **new data source** with the same name as in the source project.



### 3 FirstSpirit Content Experience Tools (CXT)

#### 3.1 Latest module versions

FirstSpirit 2024.7 supports the following module versions for FirstSpirit Content Experience Tools.

Module / file name	Version number
FirstSpirit CXT Plattform platform-[version].fsm	6.1.5
FirstSpirit CXT DAP Bridge dataservice-[version].fsm	1.44.22
FirstSpirit CXT FragmentCreator fragment-creator-[version].fsm	5.0.10
FirstSpirit Fragment DAP fragmentdap-[version].fsm	1.40.31
FirstSpirit Media DAP mediadap-[version].fsm	1.31.21
FirstSpirit PageRef DAP pageref-[version].fsm	1.9.21
FirstSpirit Markdown Editor	1.29.20



markdown-editor-[version].fsm	
FirstSpirit Tagging Editor	1.29.20
tagging-editor-[version].fsm	
FirstSpirit CXT FragmentCreator - CaaS	1.31.20
Integration	
caas-integration-[version].fsm	

## 4 Module Development, Scripts, API

### 4.1 Announcement: Removal of Internally Used Components

As of release 2024.8, some internally used components will be 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"](#)).

## 5 Module: Multisite Management

### 5.1 Release: Multisite Management

With the help of multisite management, it is possible to distribute FirstSpirit content across all FirstSpirit projects of an instance. This allows individual files or entire sections of a project to be reused.

Multisite Management is based on the ContentTransport functionality.

With the current FirstSpirit release, the use of the “FirstSpirit Multisite Management” module is officially approved.

Further information can be found in the [documentation](#).



## 6 Module: Template Development MicroApp

### 6.1 Release: Template Development for ContentCreator

The template development for the ContentCreator is primarily aimed at project developers who want to quickly and conveniently perform simple development tasks directly from the ContentCreator.

This includes primarily minor adjustments to forms, modifying rules, or fixing errors in output channels.

With the current FirstSpirit release, the use of the “FirstSpirit Template Development MicroApp” module is officially approved.

Further information can be found in the [documentation](#).

## 7 SiteArchitect / ServerManager

### 7.1 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.

- 17.0.10+7 -> 17.0.11+9  
(Default - the version delivered with the FirstSpirit Launcher)
- 21.0.2+13 -> 21.0.3+9



## 7.2 Connection settings: Optional parameter "firstspirit.websocket.disabled"

In the connection settings, the use of Websockets can be disabled using the optional parameter `firstspirit.websocket.disabled`. In this case, the client's communication with the server occurs exclusively via regular HTTP requests.

Example: `firstspirit.websocket.disabled=1`

The definition of this parameter can be useful, for example, if firewalls are in use that may not support WebSockets or block their traffic. By disabling WebSockets, compatibility and accessibility in such environments can be improved.

## 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	





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



Functionality	Deprecated as of	Will be removed/ Was removed as of
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	

## 9 Overview

ID	Description	Categories
CORE-11600	With the new <code>WEB</code> value of the <code>BaseContext</code> class, it can now be easily checked whether the <code>execution environment</code> is a web application.	Developer
CORE-15963 CORE-13461	Update of internally used software  Further information can be found in chapter “Administration: Update of internally used software”.	Integrated software
CORE-16086	Revision of clustering with the current FirstSpirit version  Further information can be found in chapter “Administration: Revision of Clustering”.	Server Administrator
CORE-16149	With the option of <code>integrating read-only data sources</code> from other projects, it is possible to use database contents in multiple projects.  Further information can be found in chapter “General: Synchronisation of Remote Content”.	Content Store
CORE-16216	A possible storage issue during JSON generation has been fixed.	Generation



ID	Description	Categories
CORE-16243	<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
CORE-16263	<p>A problem with the timeout of revisions during import via External synchronization has been fixed.</p>	External synchronization
CORE-16274	<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-16291	<p>The latest FirstSpirit release includes the official release for the use of the “FirstSpirit Multisite Management” module.</p> <p>Further information can be found in chapter “Module: Multisite Management: Release: Multisite Management”.</p>	Multisite Management
CORE-16293	<p>The optional parameter <code>firstspirit.websocket.disabled</code> in the connection settings can be used to disable the use of Websockets.</p> <p>Further information can be found in chapter “SiteArchitect / ServerManager: Connection settings: Optional parameter “firstspirit.websocket.disabled””.</p>	FirstSpirit Administrator, FirstSpirit home page
CORE-16330	<p>Announcement: Removal of Internally Used Components</p> <p>Further information can be found in chapter “Module Development, Scripts, API: Announcement: Removal of Internally Used Components”.</p>	Integrated software
CXT-1369	<p>MicroApps can now embed other MicroApps.</p>	FirstSpirit Content Experience Tools (CXT)



ID	Description	Categories
CXT-3303	<p>The latest FirstSpirit release includes the official release for the use of the “FirstSpirit Template Development MicroApp” module.</p> <p>Further information can be found in chapter “Module: Template Development MicroApp: Release: Template Development for ContentCreator”.</p>	Server Administrator, Template Development

## 10 Categories

### 10.1 Content Store

ID	Description
CORE-16149	<p>With the option of <b>integrating read-only data sources</b> from other projects, it is possible to use database contents in multiple projects.</p> <p>Further information can be found in chapter “General: Synchronisation of Remote Content”.</p>

### 10.2 Developer

ID	Description
CORE-11600	<p>With the new <code>WEB</code> value of the <code>BaseContext</code> class, it can now be easily checked whether the <b>execution environment</b> is a web application.</p>

### 10.3 External synchronization

ID	Description
CORE-16263	<p>A problem with the timeout of revisions during import via External synchronization has been fixed.</p>



## 10.4 FirstSpirit Content Experience Tools (CXT)

ID	Description
CORE-16274	FirstSpirit Content Experience Tools: Latest module versions  Further information can be found in chapter “FirstSpirit Content Experience Tools (CXT): Latest module versions”.
CXT-1369	MicroApps can now embed other MicroApps.

## 10.5 FirstSpirit home page

ID	Description
CORE-16293	The optional parameter <code>firstspirit.websocket.disabled</code> in the connection settings can be used to disable the use of Websockets.  Further information can be found in chapter “SiteArchitect / ServerManager: Connection settings: Optional parameter “firstspirit.websocket.disabled””.

## 10.6 FirstSpirit Administrator

ID	Description
CORE-16293	The optional parameter <code>firstspirit.websocket.disabled</code> in the connection settings can be used to disable the use of Websockets.  Further information can be found in chapter “SiteArchitect / ServerManager: Connection settings: Optional parameter “firstspirit.websocket.disabled””.

## 10.7 Generation

ID	Description
CORE-16216	A possible storage issue during JSON generation has been fixed.



## 10.8 Integrated software

ID	Description
CORE-15963	Update of internally used software
CORE-13461	Further information can be found in chapter “Administration: Update of internally used software”.
CORE-16330	Announcement: Removal of Internally Used Components
	Further information can be found in chapter “Module Development, Scripts, API: Announcement: Removal of Internally Used Components”.

## 10.9 Launcher

ID	Description
CORE-16243	With the current release, the Java versions have been updated.
	Further information can be found in chapter “SiteArchitect / ServerManager: Java version update”.

## 10.10 Multisite Management

ID	Description
CORE-16291	The latest FirstSpirit release includes the official release for the use of the “FirstSpirit Multisite Management” module.
	Further information can be found in chapter “Module: Multisite Management: Release: Multisite Management”.

## 10.11 Server Administrator

ID	Description
CORE-16086	Revision of clustering with the current FirstSpirit version



ID	Description
	Further information can be found in chapter “Administration: Revision of Clustering”.
CXT-3303	<p>The latest FirstSpirit release includes the official release for the use of the “FirstSpirit Template Development MicroApp” module.</p> <p>Further information can be found in chapter “Module: Template Development MicroApp: Release: Template Development for ContentCreator”.</p>

## 10.12 Template Development

ID	Description
CXT-3303	<p>The latest FirstSpirit release includes the official release for the use of the “FirstSpirit Template Development MicroApp” module.</p> <p>Further information can be found in chapter “Module: Template Development MicroApp: Release: Template Development for ContentCreator”.</p>

