FirstSpirit™ A rezolve ai solution

Release Notes

FirstSpirit™ 2026.12

Status	**RELEASED**
Department	FS-Core
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1 Administration

1.1 Fast URL generation in very large folders

URL generation with the URL registry is no longer slower in folders with a very large number of media files or page references.

Until now, all items in a folder were checked for identical filenames during URL generation. In folders with several thousand media files or page references, this could take minutes. With the “(SEO)” variants, the URL registry now performs this check. If a name is already taken, the suffix `-N` is appended (e.g., `news-2.html`; previously `~N`, e.g., `news~1.html`). The name without a suffix is assigned to the item whose URL is generated first.

Already saved URLs do not change.

The registry distinguishes between uppercase and lowercase: filenames like news and News are no longer considered the same. Those delivering on systems without case sensitivity (e.g., Windows, macOS) can re-enable the previous check with the URL Creator parameter checkSiblings=true.

2 Administration / Modules

2.1 Configurable Timeouts in the OIDC Login Module

With `op.http.connectTimeout` and `op.http.readTimeout`, the waiting times (in milliseconds) for establishing a connection and reading the response when loading the JSON Web Key Sets can be configured.

The values can be set in `[default]` and overridden per section. Changes take effect at the next login without restarting the server.

The default value is now 2000 ms (previously 500 ms) so that logins do not fail with slow-responding OpenID providers. A value of 0 means "no timeout." Previously set timeouts via Java system properties are no longer evaluated and should be migrated to `fs-oidc.conf`.

3 FirstSpirit Content Experience Tools (CXT)

3.1 Latest module versions

FirstSpirit 2026.12 supports the following module versions for FirstSpirit Content Experience Tools.

Module / file name	Version number
FirstSpirit CXT Plattform `platform-[version].fsm`	8.0.12
FirstSpirit Media DAP `mediadap-[version].fsm`	2.0.6
FirstSpirit PageRef DAP `pageref-[version].fsm`	2.0.6
FirstSpirit Image Assistant `imagerecognition-module-[version].fsm`	1.1.8
FirstSpirit Analyze Asisstant `FirstSpirit-AiAnalyze-[version].fsm`	2.0.6
Template Development MicroApp `fs-sitedev-microapp-[version].fsm`	1.0.8
FirstSpirit Multisite Management `fs-multisite-[version].fsm`	2.2.6
FirstSpirit Collaboration `fs-collaboration-[version].fsm`	1.2.4

4 AI-powered tools

4.1 New default model gpt-6-luna in the OpenAI Connector

The AI assistants in FirstSpirit that use the OpenAI Connector module now work by default with the `gpt-6-luna` model, which delivers overall better results.

Installations without a custom model entry automatically switch to the new model with the module update; any explicitly configured model remains unchanged.

Endpoints that previously explicitly specified gpt-5.6-luna now also use `gpt-6-luna`. Those who wish to continue using `gpt-5.6-luna` must re-enter the model in the endpoint configuration after the update.

For requests with function calls (tools), the Responses API is recommended. When using the Completions API for gpt-6 models, no value should be set under "Reasoning Effort (Tools)," as such requests will otherwise fail.

For Microsoft Azure OpenAI, `gpt-6-luna` is often not provided. In this case, the model must be deployed or a different available model must be entered in the configuration.

5 Media

5.1 No recalculation for unchanged re-uploaded pictures

Previously, every re-upload of a picture marked all calculated resolutions and crops as outdated, even if the image data had not changed. This affected, for example, Content Transport and imports via the API or FSDevTools, and caused unnecessary recalculations and follow-up updates, e.g. in CaaS.

The server now detects identical image data and continues to use the existing picture version. The medium itself still receives a new revision. For crops of language-dependent pictures and for crops that were accessed in the target project between two transports, a new version may still be created in individual cases.

6 System

6.1 Update of internally used software

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

- **Angus Mail** (Library for mail dispatch)
  Updated from version 2.0.3 to version 2.0.5.

- **Jakarta Mail API** (Library for mail dispatch)
  Updated from version 2.1.3 to version 2.1.5.

- **Apache Log4j** (Library for logging)
  Updated from version 2.26.0 to version 2.26.1.

- **Apache POI** (Search backend for Lucene 9)
  Update from version 5.4.0 to version 5.5.1.

- **JxBrowser** (Chrome browser engine for displaying the integrated preview in FirstSpirit SiteArchitect)
  Update to version 9.5.1 (Chromium 153.0.8010.37) --> includes security updates

- In addition, the following internal dependencies have been updated:
  - Apache Commons Codec (1.17.1 --> 1.19.0)
  - Apache Commons Compress (1.27.1 --> 1.28.0)
  - Apache Commons IO (2.16.1 --> 2.20.0)
  - Apache Commons Lang (3.16.0 --> 3.18.0)

7 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	
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	

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

8 Overview

ID	Description	Categories
CORE-18153	An issue could occur when copying media with metadata in SiteArchitect.	SiteArchitect
CORE-18155	The handling of paragraphs with identical names was further optimized during content transport.	Content Transport, Multisite Management

ID	Description	Categories
CORE-18168	In the OIDC login module, the timeouts for loading the signature keys of the OpenID provider can now be set in the file `fs-oidc.conf`. Further information can be found in chapter “Administration / Modules: Configurable Timeouts in the OIDC Login Module”.	Server Administrator
CORE-18250	The handling of closed WebSocket client connections has been improved.	Server Administrator
CORE-18262	Missing execution restrictions for constructor calls from templates have been added.	Security, Template Development
CORE-18269	URL generation using the URL registry is no longer slowed down in folders with a large number of media or page references. Further information can be found in chapter “Administration: Fast URL generation in very large folders”.	Generation
CORE-18277	The OpenAI Connector module now uses `gpt-6-luna` as the default model instead of `gpt-5.6-luna`. Further information can be found in chapter “AI-powered tools: New default model gpt-6-luna in the OpenAI Connector”.	AI-powered tools
CORE-18278	When a picture is re-uploaded with identical image data, FirstSpirit no longer recalculates its resolutions, preview and crops. Further information can be found in chapter “Media: No recalculation for unchanged re-uploaded pictures”.	Media
CORE-18286 CORE-18243 CORE-18287 CORE-18293	Update of internally used software Further information can be found in chapter “System: Update of internally used software”.	Integrated software
CORE-18315	With very large media uploads, depending on the configured request timeouts, an upload error with the message "unknown upload handle" could occur.	ContentCreator, Media

ID	Description	Categories
CORE-18323	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-18345	Errors could occur when using the JSON function if DOM content was generated as a JSON string within a loop.	Support for JSON
CORE-18346	Loading of module resources on the client side has been optimized.	Server Administrator
CORE-18354	An issue with concurrent access to `Project.getUserService` has been resolved.	FirstSpirit API
CORE-18355	Increased use of the back transport functionality in MSM could lead to higher memory consumption in Tomcat.	Multisite Management
CORE-18367	Under high memory load, logging could further exacerbate the problem.	Logging, Server Administrator
CXT-3899	In rare cases, it could happen that a DOM editor was displayed as empty in the form after a language change.	ContentCreator