



## Release Notes

*Authors:*

Phillip AUSTERFIELD

Thomas GIES

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**I-D Media AG**

Konrad-Adenauer-Ufer 39

50668 Cologne

Germany

phone: +49 (0)221-399603-0

fax: +49 (0)221-399603-19

E-Mail: [phillip.austerfield@idmedia.com](mailto:phillip.austerfield@idmedia.com)

Internet: <http://www.idmedia.com>

# 1 General Information

## 1.1 Compatibility

Product	Version(s)	Notice
Java	1.7 or 1.8	–
Java Persistence Api	2.1	–
FirstSpirit	5.2.2018-08 or newer	–
Operating System	Windows or Linux	The system has to be able to run Java programs
Memory	approx. 3 GB RAM	May vary
Disk Space	approx. 1 GB RAM	May vary
Databases	MS-SQL Server 2008 / MySQL 5.6.0 or newer	Optionally, may use embedded database

## 1.2 Incompatibilities

This version of **FirstSpirit™** TranslationStudio is not compatible with versions 1.x.

Licenses issued for version 2.1.x or earlier cannot be read and a new license needs to be issued.

## 2 New Features

The following features have been added to the respective release.

### 2.1 Version 2.5.0

1. TranslationStudio may set “translated” flag for each updated element.
2. Installation sets generation language, output channel and deployment directory automatically.
3. Preview file language will be changed as needed in the scheduled preview task. No need for multiple scheduled tasks anymore.
4. Page status icon feature uses its own FirstSpirit web application component instead of accessing the TranslationStudio backend server directly.
5. Different FirstSpirit projects may use the same database tables to store translation requests and tasks.
6. Install script checks user permissions to avoid insufficient server manager permissions or disabled administrator mode.

### 2.2 Version 2.4.0

1. Simplified translatable XML format added.
2. Configure minimal number of pages being exported from FirstSpirit at the same time.
3. Significant performance improvements.
4. Significant reduction of average memory consumption.

### 2.3 Version 2.3.0

1. Rearranged configuration panel sections.
2. The translation workflow form can be confirmed without having to make changes to its form defaults.

3. It is possible to switch from concurrent to sequential mode of operation (see Installation Manual).
4. Required (but missing) configuration values are added to the configuration XML automatically which further simplifies a potential update of TranslationStudio.
5. It is possible to validate the existence of all pages and sections before adding them to a translation job (optionally).
6. (Non-FirstSpirit) Datasets can be removed from the TranslationStudio database after a configurable number of days.
7. New custom **FirstSpirit™** input field parser framework and documentation added.
8. Monday WebForms input components can be translated.
9. Connector and hook documentation merged into a single document on how to extend
10. Connector, hook and custom input component processor tutorials and project templates added.
11. Task tickets will be removed immediately after a translation request has been sent to the TranslationStudio Application
12. Health monitor service settings added to the configuration panel
13. Filesystem connector can create readable xml file names, create zip files and has extended notification options upon file availability
14. XLIFF file format support available (optionally).
15. You may choose whether to send user notifications using FirstSpirit's mail server configuration or using the SMTP configuration of TranslationStudio.
16. Improved security in TranslationStudio's scheduled script tasks

### 3 Fixed Issues

The following issues have been fixed in the respective releases.

### 3.1 Version 2.5.0

1. The module configuration will not be overwritten when updating TranslationStudio.
2. Problems with workflow execution fixed.

### 3.2 Version 2.4.0

1. A new job will be created whenever the maximum amount of pages per job is reached instead of one major job with different xml files.
2. Preview file repository handling fixed.
3. Maximum JVM memory calculation fixed.
4. Navigation entries in a translatable XML will be created using FirstSpirit's Export operation.
5. Import of translated navigation entries uses FirstSpirit's Import operation.
6. Formatted translated XML files might have caused problems with FirstSpirit's external filesystem synchronization feature. XML files will be linearized by default to avoid any parsing error.

### 3.3 Version 2.3.0

1. Minor FirstSpirit API usage fixes.
2. Calculation of listable, language independent entity field size fixed.
3. Fixed calculation of a process' scheduled next run on the **FirstSpirit™** TranslationStudio status page (this never affected the actual scheduling).
4. Improved Javadoc of Hooks, Connectors and Txt Processors
5. Average memory consumption reduced.
6. Custom message xml will be stored inside a **FirstSpirit™** TranslationStudio working directory.
7. Schedule entry used to send translation request to TranslationStudio has been migrated from the script to the language mappings.
8. TranslationStudio will check its working directory permissions on startup.

## 4 Known Issues

1. **FirstSpirit™** TranslationStudio requires page and section reference names to be lowercase alphanumeric and to (optionally) have an underscore character. This pattern will be used automatically when creating new pages or sections using ContentCreator or SiteArchitect. If you create sections or pages using the FirstSpirit API, you have to guarantee this pattern yourself. **Elements not following this pattern will not be processed by FirstSpirit™ TranslationStudio.**
2. Translatable XMLs **prior version 2.0.3** might not be processed anymore. You may need to resubmit these for translation due to significant reductions of the translatable XMLs.
3. Preview files stored **prior version 2.0.3** will not be used anymore.
4. Listable dataset fields created in FirstSpirit Version 4.x (i.e. CONTENTAREALIST etc.) will not be processed due to a change in their type attribute.

## 5 Acknowledgements

Due to the internal processing of FS\_LIST and FS\_CATALOG input components and potential non-existing fields in XML files using FirstSpirit's filesystem synchronisation feature, it might be necessary to overwrite the target language xml file with the source's original and replace its target fields. Therefore, changes made to the target language's fields might be overwritten, e.g. manually added list entries. However, it is possible to restore previous versions using FirstSpirit's version history.

## 6 Help

The Technical Support of the e-Spirit AG provides expert technical support to customers and partners covering any topic related to the FirstSpirit™ product. You can get and find more help concerning relevant topics in the FirstSpirit™ community.