

Previously released versions: 4.2.38, 4.2.206, 4.2.219, 4.2.223, 4.2.432, 4.2.437, 4.2.446, 4.2.453, 4.2.454, 4.2.461, 4.2.468, 4.2.476, 4.2.484, 4.2.488

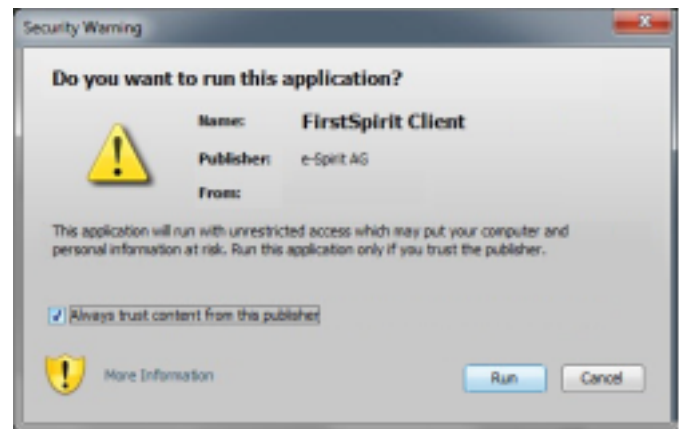
New code signing certificate

The content of FirstSpirit JAR files is signed with a certificate. This procedure is also known as code signing.

Starting with FirstSpirit version 4.2.497, the content is signed with a new certificate that is valid until 22 May 2015.

The first time a JavaClient is started, or when configuring settings in Server and Project Configuration via Java Web Start, the adjacent confirmation dialog box appears to the user.

To prevent the confirmation dialog box from appearing again, the "Always trust content from this publisher" option must be selected.



Session timeout of the FirstSpirit web applications

A license for the FirstSpirit Server can contain a limit concerning the number of sessions which are active at the same time.

The number of active sessions can increase because a session remains active if the user does not log off explicitly.

Usually, inactive sessions will be closed automatically after some time, to counter such an increase of sessions.

For this reason, a fixed session timeout of 180 minutes was deposited so far within the web applications of FirstSpirit.

Starting with FirstSpirit version 4.2.497 the session timeout is optimized, i.e. the so far fixed timeout can now be configured individually.

For the internal Jetty a timeout of 20 minutes is now centrally deposited by default.

Users of external web application servers as for example Apache Tomcat must define a timeout in the respective configuration.

For example, the following lines must be added in the configuration file "conf/web.xml" in Apache Tomcat:

```
<session-config>
<session-timeout>20</session-timeout>
</session-config>
```

For specifications about the correct configuration of the timeout in other web servers and additional notices about this subject please see documentation of the respective manufacturer.

Modification of software behavior when checking for mandatory fields

You can check if mandatory data have been entered within the most input components in FirstSpirit using the parameter "allowEmpty".

In FirstSpirit version 4.2.488 this check for mandatory input was modified in that way that all mandatory fields had to be filled with a value in the regarded language when saving and when switching the language during editing.

Editing in projects with many languages became more complex by this modification.

For facilitating editing in projects with many languages the behavior has been adapted with FirstSpirit version 4.2.497.

Now, the user can switch between languages during edition at any time, even if not all mandatory fields are filled. For this reason, you can easily and without any difficulty adopt content from other languages.

The mandatory fields will be checked in the languages, in which changes were made, when saving.

If a mandatory field is not filled correctly, the first violation of a mandatory field will be shown to the user in a dialog specifying the languages which are concerned.

Modifications can only be saved if all violations of mandatory fields are removed by the user.

New functionalities

| ID | Role | Category | Sub Category | Description |
|--------|---------------------------|------------|----------------|---|
| 122864 | FirstSpirit Administrator | JavaClient | Template Store | You can define for each column of a table (Template Store, schema) if an empty value is allowed in the database or not. If values have been already entered, changing this option afterwards is dangerous because this can lead to invalid datasets. The export of projects has been improved so that such misconfiguration can be identified and logged. |
| 135095 | FirstSpirit Administrator | None | Modules | The transfer of portal entry points in the "SAP Business Package for FirstSpirit™" module has been expanded. More information is available in the introduction ("SAP Business Package for FirstSpirit™" module: Transfer of portal entry points" submenu). |

Bug-fixes

| ID | Role | Category | Sub Category | Description |
|--------|---------------------------|----------------------------------|------------------|---|
| 124467 | All Users | JavaClient | Input Components | For the FS_LIST input component (INLINE type, LinkTemplates template type), new entries can be created based on link templates. Filtering for link templates in the selection dialog was too restrictive and has been adjusted according to the security model. |
| 131056 | All Users | JavaClient | Input Components | When using the "TabbedView" layout component in the FS_LIST input component, in very rare cases an error occurred after editing an entry multiple times in a separate window ("DETACH" action). |
| 137950 | All Users | JavaClient | Input Components | Selecting a page or a section from the Page Store in JavaClient led to an error in rare cases if they contained the input component FS_DATASET. |
| 138248 | All Users | JavaClient | Input Components | No content was shown in rare cases in the window for detailed information in the input component FS_LIST (type Database, action Detach). |
| 138419 | All Users | JavaClient | Input Components | More than one pop-up window for editing could be opened by mistake within the input component FS_LIST (type DATABASE, layout component StackedView hidden) at the same time. |
| 139455 | All Users | JavaClient | Input Components | You can use FS_LIST, type DATABASE, for creating lists of data sets. Changing the order of an entry within the FS_LIST input component marked the referenced data sets as being changed if a CMS_INPUT_DATE input component was used in a data set. |
| 140017 | All Users | JavaClient | Input Components | In the CMS_INPUT_DOMTABLE input component it is possible to transfer selected text to a link. In this case, the selected text is used as the link text. Unfortunately, the link type was incorrectly duplicated when it was applied. |
| 143801 | All Users | JavaClient | Input Components | Transferring values within the translation help in JavaClient led partially to an error when the used form contained the input component FS_LIST. |
| 132612 | All Users | JavaClient | Page Store | Selecting a special page in the Page Store in JavaClient led to an error in very rare cases. |
| 142917 | All Users | JavaClient | Remote Projects | Remote project configurations can be configured for a project (Server and Project Configuration). A fixed (technical) user can be specified within a remote project configuration. Removing the specified user from the FirstSpirit Server without adapting the respective remote project configuration could lead to an error when selecting from the field "Link: use URL from related project" within a page reference. Now, the user will get an appropriate notification in this case. |
| 140283 | All Users | JavaClient | Version History | Restoring an older version of a page in JavaClient could lead to an error when the page contained a data source section and when the permission "Read" was not set for all data sources. |
| 138413 | All Users | None | Search | Indexing of special elements for the search has been optimized. |
| 138257 | All Users | Server and Project Configuration | None | The calculation of references has been improved in remote projects. |
| 138422 | All Users | WebClient | Page Store | A prefix will be added to reference names of sections which are created newly in WebClient from now on (e.g. _1) if a section with the same reference name was already existing within the page. |
| 138710 | Developer | JavaClient | Template Store | Forms (Template Store) can be displayed in JavaClient in the internal preview. A scroll bar was always shown by mistake when using the design element CMS_GROUP within a form. |
| 132094 | Developer | None | Scripting | Erroneously, "Null" was not returned after having modified the reference name of an element, using the method "getStoreElement(String uid, IDProvider.UidType uidType)" of the interface "Store" (Access API, de.espirit.firstspirit.access.store.Store) and specifying the original reference name. |
| 140502 | Developer | None | Security | Safety improvements in the field of the API documentation. |
| 141608 | Developer | Server and Project Configuration | Scripting | A special group or users can be authorized for executing a schedule using the methods "addGroup(Group group)" and "addUser(User user)" of the interface "ScheduleEntry" (Access API, de.espirit.firstspirit.access.schedule.ScheduleEntry). Calling one of these methods could lead to an error in very rare cases. |
| 137073 | Editor | JavaClient | Dom Editor | Changing link text in JavaClient – within the references – in the CMS_INPUT_DOM input component sometimes caused other link content to be ignored when the user exited editing mode. |
| 127959 | Editor | JavaClient | Input Components | In some rare cases, a notification dialog that modifications were not stored was displayed when switching to another data record, if an entry was modified in the input component FS_LIST (type DATABASE) and saved. |
| 138457 | Editor | JavaClient | Input Components | The time it takes to save data has been optimized for situations where multiple FS_LIST input components (INLINE type, SectionTemplates mode) are used within each other (nested). |
| 142691 | Editor | JavaClient | Input Components | Editing an entry in many languages within an FS_LIST input component (and other input components) has been optimized. |
| 143644 | Editor | JavaClient | Input Components | After selecting a data set in the release state and editing it subsequently within the input component FS_LIST (type DATABASE) an error could have occurred. |
| 132215 | FirstSpirit Administrator | Administration | Backup | After use of the method "serverBackupPrepare(long prepareTimeout, long backupTimeout)" of the interface "AdminService" (Access API, de.espirit.firstspirit.access.AdminService) for activating the external server save mode as FirstSpirit server administrator it was unfortunately not possible to terminate the save mode by using the method "serverBackupDone()". |
| 80258 | FirstSpirit Administrator | JavaClient and WebClient | Security | Security improvements have been made to the FirstSpirit BasicSearch and FirstSpirit DynamicPersonalization modules. |
| 120638 | FirstSpirit Administrator | None | Security | Security improvements for the BasicSearch module. |

| ID | Role | Category | Sub Category | Description |
|--------|---------------------------|----------------------------------|--------------|---|
| 142143 | FirstSpirit Administrator | None | Security | Security improvements to the FirstSpirit DynamicPersonalization module. |
| 141600 | FirstSpirit Administrator | Server and Project Configuration | Generation | Generating within a cluster in FirstSpirit could led in some very rare cases to an error. |
| 138538 | FirstSpirit Administrator | Server and Project Configuration | Tasks | Parallel execution for schedules (Server and Project Configuration) can be allowed or forbidden. If a parallel execution of a schedule is not allowed the schedule will start automatically after the end of the current execution (if existing). The waiting schedules were by mistake stopped, too, if the current schedule was canceled. |
| 138199 | Server Administrator | None | None | The code signing certificate has been updated (see the "New code signing certificate" subsection in the introduction). |