e-Spirit^{AG}

Release-Notes First**Spirit**^{5.0.114}

Previously released versions: **5.0.105**, **5.0.106**

Added logging information for the generation process

When developing templates, typos or similar errors in the template may cause generation and/or preview errors.

It is therefore important when checking the generation log to identify objects that might not have been generated correctly or that should no longer be used ("Deprecation").

To make it easier to identify these objects, logging has been expanded to include generation and preview information.

The following information is available in the log:

- **g-entity**: entity just generated
- **g-node**: node just generated
- **g-sec**: section just generated
- **pID**: project ID
- **seID**: schedule ID
- **uID**: user ID

Example:

```
DEBUG 01.01.1970 00:00:00.000 {pID=12345,g-sec=23456,g-entity=Table(34567),uID=0,seID=45678,g-node=56789} (de.espirit.or.impl.ReleaseSessionHandler): 67890,...
```

CMS_INPUT_NUMBER input component: "maxInputLength" parameter

As in the release notes for FirstSpirit Version 4.2.446, the "maxInputLength" parameter for the CMS_INPUT_NUMBER input component is no longer available.

If you still want to limit the maximum value of the input component, use the "max" parameter.

Example of conversion from the "maxInputLength" parameter to "max":

```
<CMS_INPUT_NUMBER maxInputLength="2"...
...
<CMS_INPUT_NUMBER max="99"...
```

In FirstSpirit Version 4.2 Release 4, the "maxInputLength" parameter was removed automatically when a change in the form was saved. The parameter is not removed in FirstSpirit Version 5.0, which means that if the parameter is specified in a form, a related error message appears when the form is displayed (e.g. on a page of the page store).

We recommend adapting the forms accordingly before migrating from FirstSpirit Version 4.2 Release 4 to 5.0.

FirstSpirit API: Revision of Interfaces FormDataProvider and FormData

Some revisions ("refactoring") were carried out in the environment of the interfaces "FormDataProvider" (Developer API, "de.espirit.firstspirit.access.editor.fslist") and "FormData" (Developer API, "de.espirit.firstspirit.forms"). They can be used for provisioning data in the input component FS_LIST.

It can be necessary to make adjustments in projects which were developed in FirstSpirit Version 4.2 Release 4 and which use these interfaces in FirstSpirit Version 5.0.

New functionalities

ID	Role	Category	Sub Category	Description
125823	Developer	JavaClient and WebClient	Dynamic Forms	The form properties (<PROPERTY/>) of "dynamic forms" were expanded by the "BODY" attribute in order to formulate checks based on a content area.

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Bug-fixes

ID	Role	Category	Sub Category	Description
109484	All Users	JavaClient	All Stores	The context menu (Extras / Release) in the JavaClient can be used to release elements (known as "Specific Release"). When releasing elements, all objects are listed in the Specific Release detail window that are taken into account by the selected release option. Previously, elements in the detail window were not displayed if they could not be released due to an incomplete parent chain or due to a source section that had never been released.
109638	FirstSpirit Administrator	None	Generation	In very rare cases an error occurred during generation when the "Use ACL database" generation option was enabled and the "Page is completely translated to this language" option for the master language of the project was disabled on a page in the page store.
112420	Editor	JavaClient	Media Store	In the media store within the JavaClient, it is possible to view the folders and media contained in a folder in the workspace on the folder's "Preview" tab. Folders can also be moved using drag-and-drop and the navigation tree. Since this action potentially involves several objects, a prompt now appears before the move is made. In addition, the move operation has been improved for best performance.
114580	FirstSpirit Administrator	JavaClient	None	In very rare cases a release error was displayed when a subtree which has never been released before was released recursively (context menu: Extras / Release) in the site store, although all elements were released.
115460	Editor	JavaClient	Version History	The representation of single entries of an FS_LIST input component in the version history has been optimized.
118442	All Users	JavaClient	Content Store	A data source's foreign key relationships can be maintained using the FS_LIST input component (DATABASE type). When maintaining some more common foreign key configurations, an error could have occurred if a new data record was added using the "COPY" action.
118810	All Users	JavaClient	Input Components	In the FS_LIST input component (SERVICE type), an error occurred when double-clicking in the overview in edit mode.
118897	All Users	JavaClient	Input Components	If a FS_DATASET input component was edited in a data record (content store) within the JavaClient, edit mode could have closed if a different data record from the same data source was selected in the input component.
119159	All Users	WebClient	Input Components	When searching in the selection dialog in the FS_REFERENCE input component within the WebClient, objects from the page store were not taken into account.
119222	All Users	JavaClient	Media Store	In very rare instances an error occurred when selecting a medium in the media selection dialog (e.g. a FS_REFERENCE input component).
119445	Developer	None	Package Pool	When calling the "getStartNodes(Store.Type storeType)" method of the "de.espirit.firstspirit.access.packagepool.Package" interface (Access API), an error would occasionally occur if the user who was running the script did not have the required permissions in the master project to determine the start nodes of a package (CorporateContent, formerly: PackagePool). Now a technical exception (IllegalStateException) is thrown after the change is made.
122084	Editor	JavaClient	Input Components	Visualization of entries of the input component FS_LIST (INLINE type) whose section template was deleted by mistake has been improved.
123000	All Users	JavaClient	Input Components	A remote project can be configured so that it references itself. The most recent objects used are displayed in the media selection dialog, which is opened, for instance, by the CMS_INPUT_PICTURE input component. With this specific remote configuration, the "Select" button was always mistakenly displayed as disabled when a recently used object was selected.
124510	All Users	JavaClient	Clipboard	Images can also be saved to the clipboard in the Organize area for future use. An enlarged view of an entry's object can be displayed in the clipboard. In some rare instances the enlarged view of the object was not displayed.
124543	FirstSpirit Administrator	JavaClient	Generation	A table template can be used in a page of the page store for creating sections (content source section). After having exchanged a data source section by using another table template it was necessary in a release project to modify and release the corresponding page reference so that the change was taken into account during generation. The behavior has been been optimized in that way that a modification and release is no more required in many cases.
124545	All Users	JavaClient	Content Store	In very rare instances, the database connection timed out during archiving if it took an excessive amount of time to archive certain data records.
124938	All Users	JavaClient	Preview	If a page reference from the site store was an external preview as opposed to an internal preview, the "Read" access permission was previously not taken into account.
125099	Developer	JavaClient	Package Pool	An error occurred in the JavaClient when loading a CorporateContent package (formerly the FirstSpirit PackagePool) if an object from the package had already been deleted from the tree.
125176	All Users	JavaClient	All Stores	In the JavaClient, section references, for instance, can be added to the page store using a key combination (<Ctrl>+<Shift>+drag with mouse). This action is visualized using a custom mouse pointer. Unfortunately, the custom mouse pointer was previously not displayed even though the action was carried out without any errors.
125487	All Users	JavaClient	Media Store	In the media store the behavior of the context menu when selecting multiple objects in the overview has been improved.
125784	FirstSpirit Administrator	JavaClient	ContentTransport	Multiple page references can be merged into a page group for a folder in the site store. If a page reference that is defined for a page group has been deleted and the relevant folder has been added for a feature (ContentTransport), then unfortunately it was not possible to integrate the feature into a different project.
125985	All Users	WebClient	Workflow	In the WebClient task list, only the tasks for which the logged in user was registered as the exclusive editor were displayed. Now tasks for which the user is one of several editors are also displayed.
126033	All Users	JavaClient	Package Pool	In the CorporateContent module (formerly the PackagePool), the "Create version" button opens a dialog displaying all versions already created for a package. Opening a log file for a new version was previously not possible.
126201	All Users	JavaClient	Input Components	Input components in the JavaClient can be moved to the global search field with the mouse so that a search can then be performed from there. Previously, this did not work as expected for the CMS_INPUT_DATE input component.
126244	All Users	WebClient	All Stores	Starting a workflow in FirstSpirit prevents further editing of an object. The message referencing the cause of the error is now clearer when an attempt is made to edit the object in the WebClient.
126251	All Users	WebClient	All Stores	In the WebClient, the language settings for the FirstSpirit Server were used in the comparison view instead of the user interface language selected in the browser.

ID	Role	Category	Sub Category	Description
126295	All Users	JavaClient	Clipboard	In FirstSpirit Version 5.0 and later, the JavaClient features the new "Organize" area. Text and images can be saved in this area for later use when placed under the "clipboard" submenu. If objects are dragged with the mouse from there to an input component (using drag-and-drop), the contents are now copied over instead of being removed from the clipboard, as was previously the case.
126554	All Users	JavaClient	TabView	Very rarely an error occurred in the JavaClient if multiple tabs were closed quickly in succession with the middle mouse button when in the expanded workspace view ("TabView").
126558	All Users	JavaClient	Version History	Using drag-and-drop in the JavaClient version history and translation help accidentally activated edit mode within the form.
126560	FirstSpirit Administrator	JavaClient	Generation	The "Advanced URLs", "Default URLs (SEO)", "Infix URLs (SEO)" and "Multiview URLs (SEO)" methods for generating search-optimized paths can be used to generate paths for a generation schedule in FirstSpirit version 5.0 and higher. During generation, the paths of generated elements are saved automatically. If a value automatically saved in the JavaClient under "SEO URL" was used as the basis for a manual value, only changed values were saved.
126653	All Users	WebClient	Page Store	If a section of a page (page store) was deleted in the JavaClient and it was displayed in a different user's WebClient, an error sometimes occurred in the WebClient.
126792	Developer	JavaClient	Dynamic Forms	Values in input components can be affected by means of rules ("Dynamic forms"). Unfortunately, dependent rule definitions were not taken into account in some rare cases.
126833	All Users	JavaClient	All Stores	In very rare instances, an error occurred in the JavaClient when multiple elements were selected in the selection dialog (e.g. FS_REFERENCE input component) and applied.
126874	All Users	WebClient	Page Store	Section references can be added in FirstSpirit. When editing a section reference, edit mode is set in the source section at the same time. In the past, after switching to view mode in the section reference within the WebClient, the mode in the source section was mistakenly not changed.
126916	All Users	JavaClient	Page Store	In the JavaClient translation help, additional changes were not taken into account after some changes had already been saved to the clipboard (<Ctrl>+<S>).
126945	All Users	JavaClient and WebClient	Search	You can search for terms within the JavaClient. Previously, if an element was moved from the search results using drag-and-drop, a different element was mistakenly selected when the element was re-selected from the search results.
126951	All Users	JavaClient	Page Store	The "dynamic forms" rules for the target language area were mistakenly not visualized in the translation help within the JavaClient.
126965	All Users	JavaClient	All Stores	Using the "Content Highlighting" functionality and the integrated preview, it is possible to navigate using the pages displayed in the preview when doing editorial work. In this case, navigation using the tree structure is only rarely necessary. The tree can be collapsed to make more space for editing content on the screen. Unfortunately, after collapsing the tree, the previous and next buttons on the horizontal tool bar were disabled.
126966	All Users	Homepage	None	The function "Automatic Login" is available on the login page. This function enables the FirstSpirit user to log on to the FirstSpirit server with his Windows login (an appropriate configuration presupposed). Unfortunately, the correspondent button was not displayed if the language was changed after logoff.
127052	All Users	JavaClient	Input Components	Input components in the JavaClient can be moved to the global search field with the mouse using drag-and-drop so that a search can then be performed from there. Unfortunately, an error occurred in very rare instances when using the CMS_INPUT_DATE input component.
127057	All Users	JavaClient	Input Components	In the "Organize" area of the JavaClient, objects can be saved to the clipboard for later use. In the case of a FS_LIST input component (DATABASE type) in gallery mode (MEDIAMODE), images can be selected from the media store. Alternatively, new (empty) data records can be added using the NEW action. An error previously occurred when a new unedited data record was added to the clipboard using drag-and-drop.
127078	Developer	None	None	A notification has been added in the API documentation to the method "getInRevision(Revision revision)" in the interface "IDProvider" (Access API, de.espirit.firstspirit.access.store.IDProvider) for the case when the archiving function is used and the version history is not complete for this reason.
127145	All Users	JavaClient	Version History	An error occasionally occurred when navigating and when selecting individual entries in the version history within the JavaClient.
127236	All Users	WebClient	Media Store	When using Microsoft Internet Explorer 9, EasyEdit was displayed incorrectly in the WebClient after using the image scrollbar.
127253	All Users	Administration	Generation	During the generation process on the Cluster Server, the connection between the slave and master server was occasionally dropped due to external network problems. In the past, the generation process continued when this occurred. Sometimes the connection between the slave and master was not completely restored automatically. Now the generation process is canceled and the connection is completely restored once the network problems are resolved.
127265	All Users	Administration	Clipboard	The key combination <Ctrl>+<V> inserts content from the clipboard at the insertion point. Unfortunately, this did not work at all points desired in the JavaClient.
127311	Editor	JavaClient	Input Components	Switching to another language in an FS_LIST input component (DATABASE type) using language tabs in the detailed view could led to an error in rare cases.
127333	All Users	WebClient	All Stores	In the WebClient, deleted objects were not displayed in the project history, which was incorrect behavior.
127369	Developer	JavaClient	Preview	A thumbnail can be placed in the template's "Snippets" tab in the JavaClient. In the past. however, these thumbnails did not appear in the search results when a global search was performed until the JavaClient was restarted.
127414	All Users	JavaClient	Input Components	A data record from the content store can be referenced using the FS_DATASET input component. The input components defined in the table template are displayed in the input component. If the data record were to be redisplayed in one of these input components, the associated forms would be displayed infinitely (what is known as "recursion"). To ensure that this situation can never occur, the FS_DATASET input component recognizes this type of configuration, prevents the display and shows the user a relevant message. Unfortunately, this message was previously not reset when a data record was selected without recursion from a different data source, for instance.
127420	All Users	WebClient	Input Components	If the WebClient was used in Microsoft Internet Explorer 9, a display error occurred in the CMS_INPUT_DOM and CMS_INPUT_DOMTABLE input components after pressing <ENTER>. In rare instances, display errors occurred in both input components after calling the form multiple times.
127434	All Users	JavaClient	Input Components	A data record from the content store can be referenced using the FS_DATASET input component. The input components defined in the table template are displayed in the input component. If the data record were to be redisplayed in one of these input components, the associated forms would be displayed infinitely (what is known as "recursion"). To ensure that this situation never happens, the FS_DATASET input component recognizes this type of configuration, prevents the display and shows the user a relevant message. If the same data record was selected in the input component, an error occurred.

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ID	Role	Category	Sub Category	Description
127461	All Users	JavaClient	Input Components	FirstSpirit Version 4.2.446 was the last version to support "maxInputLength" parameter for the CMS_INPUT_NUMBER input component. Information on the behavior in FirstSpirit Version 5.0 and on migrating to the "max" parameter is available in the introduction (title: CMS_INPUT_NUMBER input component: "maxInputLength" parameter).
127526	All Users	JavaClient	Media Store	In the media store overview, the selection area was adapted to the objects.
127560	None	None	None	FirstSpirit-Version 5.0 allows you to control URL generation ("search engine optimization"). The "URL Settings" menu option is available for this under the JavaClient "Global settings". When creating an SEO URL, an error sometimes occurred if no display name was saved for a template set.
127562	All Users	JavaClient	Search	In the JavaClient of FirstSpirit version 5.0 and higher, search results are displayed below the input field and search settings (area on left). The search results can be refined based on different criteria (known as "facets"). In a few instances the detail view of the facet settings was opened after a system filter was configured and followed by a new search.
127615	All Users	JavaClient	Page Store	An error occurred in the JavaClient when deleting objects in the tree if a page and multiple associated sections were selected.
127644	All Users	JavaClient	None	Specific elements or properties of a form can be influenced in FirstSpirit by defining rules within the (form) template, turning the form into a "dynamic form". When saving a new data record, an error was mistakenly displayed in the past when a save rule was violated. Now the user sees an informational message when this occurs.
127714	All Users	WebClient	Help	When searching in the WebClient Help, incorrect search results were displayed when the search word contained umlauts.
127743	All Users	JavaClient	Clipboard	In FirstSpirit Version 5.0 and later, the JavaClient features the new Organize area. Text and images can be saved in this area for later use when placed under the clipboard submenu. If an element was deleted from the clipboard, it was previously not possible to delete next the element from the clipboard directly because it had moved to the first position (known as sequential deletion).
127789	All Users	JavaClient	Input Components	The FS_LIST (DATABASE type) input component makes it possible to maintain a data source's foreign key relationship in a data record (content store). The input component can be configured to enable creation of new entries as a copy of an existing entry (COPY action). In some more common foreign key configurations, an error could have occurred if the language was changed multiple times after the copy was created.
127900	All Users	JavaClient	Site Store	When searching in the WebClient for folders from the site store, no folders were found.
127944	All Users	JavaClient	None	An error occurred in very rare cases when loading a very large project in the JavaClient.
127983	Editor	JavaClient	Input Components	Unfortunately, the content of the input component FS_LIST was not displayed in a separate window in single specific configurations when pressing the button "Open in separate window".
127988	All Users	WebClient	Dynamic Forms	Specific elements or properties of a form can be influenced in FirstSpirit by defining rules within the (form) template, turning the form into a "dynamic form". A rule violation of a newly added link was not initially visualized in the CMS_INPUT_DOM input component within the WebClient.
128059	All Users	WebClient	Input Components	In the past, the "editable" parameter in the CMS_INPUT_NUMBER input component was not taken into account in the WebClient.
128085	FirstSpirit Administrator	Server and Project Configuration	Modules	Configuration files for modules are stored on the FirstSpirit Server. Previously, not all of the configuration files were removed when a server module was uninstalled. This resulted in problems in the ability to use new values if the module was reinstalled. Now all configuration files are deleted when the module is uninstalled.
128087	All Users	JavaClient	Modules	In the FirstSpirit DynamicPersonalization module (formerly FirstSpirit Personalisation), users can use the "JDBC" authentication mode to authenticate their login information, which is stored in a database. Additionally,the "JDBC" group module can be used to provide group information for the user. An error sometimes occurred when reading the group information.
128099	FirstSpirit Administrator	Server and Project Configuration	Tasks	Scripts can be run in schedules. If desired, a unique connection to the FirstSpirit Server can be used for a script. Termination of unique connections has been optimized.
128104	All Users	JavaClient	Clipboard	In the Organize area, objects can be saved to the clipboard for further use. An entry includes its type and description as well as a thumbnail. Previously, if text from a Microsoft Office document was copied to the clipboard, an image type was displayed by mistake.
128172	FirstSpirit Administrator	Administration	Tasks	A system font size (DPI) can be set in Microsoft Windows. An execution time can be specified in the server and project configuration for a schedule in FirstSpirit. Previously, when selecting a large system font size, the Minutes and Seconds fields for the execution time setting were mistakenly not displayed.
128393	Developer	None	Scripting	You can use the method " perform(Form form, List<Language> languages)" of the interface "ShowFormDialogOperation" (Developer API, de.espirit.firstspirit.ui.operations.ShowFormDialogOperation) to display a form-based dialog. The initial height of this dialog has been made larger.
128453	FirstSpirit Administrator	None	Deployment	In some very rare cases media were not transmitted when carrying out multiple publication if the option "Generate Media in the generation directory" had been deactivated in a generation configuration.
128491	Editor	JavaClient	Preview	When using the integrated preview in conjunction with Oracle Java 7 and the web browser Microsoft Internet Explorer 9, using the functionality Content Highlighting could led to the fact in rare cases that no more modifications could be carried out in the workspace.
128515	All Users	WebClient	Input Components	A new data record can be added to the menu bar as a copy of an existing data record via the content area in the WebClient. In the past, if this type of data record was then edited, changes to language-dependent input components were mistakenly not taken into account.
128581	Editor	WebClient	Dom Editor	Creating and editing of some element types (for example sections, lists, links etc.) in the input component CMS_INPUT_DOM in the WebClient has been improved for the web browsers Microsoft Internet Explorer 8 and 9, and Google Chrome.
128695	Developer	None	Scripting	The package of the interface "RulesetContainer" (Access API) has been revised, its name is now: "de.espirit.firstspirit.access.store.templatestore.RulesetContainer". The interface in the previous package "de.espirit.firstspirit.store.access.templatestore.RulesetContainer" has been marked as being outdated ("deprecated").
128742	FirstSpirit Administrator	None	Generation	When using the parameter "contentId" in the instruction function "ref(...)" the URL for the specified data record ID was not returned in some rare cases.
128752	All Users	JavaClient	Input Components	Using the FS_BUTTON input component, an icon or button can be created that carries out a function that can be implemented on its own. In the integrated preview, the configured display of the FS_BUTTON input component was not displayed when the "Internet Explorer" browser engine was used.
129005	Editor	JavaClient	Version History	Regarding meta data of a page of the page store in the version history could led to an error.

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ID	Role	Category	Sub Category	Description
129069	FirstSpirit Administrator	None	Modules	When using the module "SAP Business Package for FirstSpirit" activating the portal files ("ActivatePortalXml") after having generated the portal files ("GeneratePortalXml") could led to an error.
129080	FirstSpirit Administrator	None	Generation	Since FirstSpirit version 5.0 you can influence the creation of URLs (search engine optimization). When using "Infix URLs (SEO)" and "Multiview URLs (SEO)" for the creation of paths, the stored URL was by mistake not taken for the creation of the files in the file system.
129417	Developer	None	Input Components	Unfortunately, the default value for the parameter "useLanguages" for FS_LIST input components of the type "INLINE" in the link template mode by mistake was "no". For this reason, if this parameter was not specified when defining the FS_LIST input component, useLanguages="no" was added. The default value of "useLanguages" for the link template mode has now been changed to "yes".
129453	Developer	None	Scripting	You can use the method "setDisabled(boolean disabled)" of the interface "ShowFormDialogOperation" (Developer API, "de.espirit.firstspirit.ui.operations.ShowFormDialogOperation") to deactivate the form which is displayed in the form-based dialog. Unfortunately, this option was not taken into account correctly.
129809	Editor	JavaClient	Input Components	In some specific configurations of the input component FS_LIST repeated editing of an entry and saving the data (Ctrl + S) could led to an error.