First Spirit™
Unlock Your Content

FirstSpirit™ Maintenance Build
FirstSpirit™ Version 5.2 Release 4

Version	**5.2.424**
Status	**Delta to 5.2.422**
Date	**2016-07-29**
Department	FS-Core
Copyright	2016 e-Spirit AG
File name	Maintenancebuild_5.2.424_EN

e-Spirit

Table of contents

1 SiteArchitect / ContentCreator

1.1 Editorial functionality using drag-and-drop in FS_INDEX

In ContentCreator, users may create sections, datasets, and links (in a rich-text editor or a table / CMS_INPUT_DOM or CMS_INPUT_DOMTABLE) by dragging and dropping content onto a specifically configured FS_BUTTON input component. To achieve this, a

- section template,

- link template, or

- table template

which should be used to create new content via drag-and-drop must be configured to use the desired target input component (tab "Form") for such drag-and-drop content as its **Drop Editor** (tab "Properties").
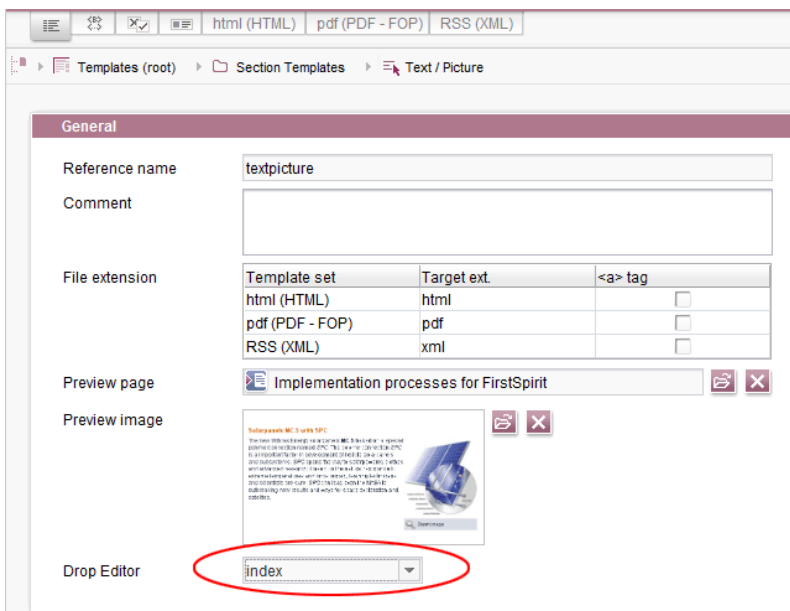
This way, elements provided by a DataAccessPlugin may be used via drag-and-drop in order to create a new section, dataset, or link (in CMS_INPUT_DOM/DOMTABLE). The element dragged and dropped onto the button will then be referenced by a target index component.

If a dataset provided by the DatasetDataAccessPlugin is dropped onto an FS_BUTTON with class `NewSection` (`onDrop="class:NewSection"`) but is incompatible with any FS_INDEX components listed as drop editors (i.e. it does not match any table template configured for FS_INDEX components, tag `SOURCE` / `TEMPLATE`), the operation will be aborted with the error message "The transferred data has not been accepted", and no section will be created. Due to technical reasons, a section will in fact be created and deleted again in the background, such that the page will afterwards be shown as changed.

In addition to the "Add" button and drag-and-drop onto an index component in an "Edit" dialog, it is now also possible to **add new entries to index components** by dragging a compatible dataset from a report (e.g. "Search", "Bookmarks", etc.) or data from a custom report implementation into the preview area.

The prerequisite is compatible mark-up added via `editorId`.
(Note: An appropriate preview page ("Properties" tab) must be selected so that datasets will appear in search, bookmarks etc.)

Entries within a form may now also be **replaced** with other compatible data from reports. A colored marker

Replace

or

Move/Insert above

or

Move/Insert left

indicates whether the data would replace an existing entry if dropped:

or be added as a new entry:
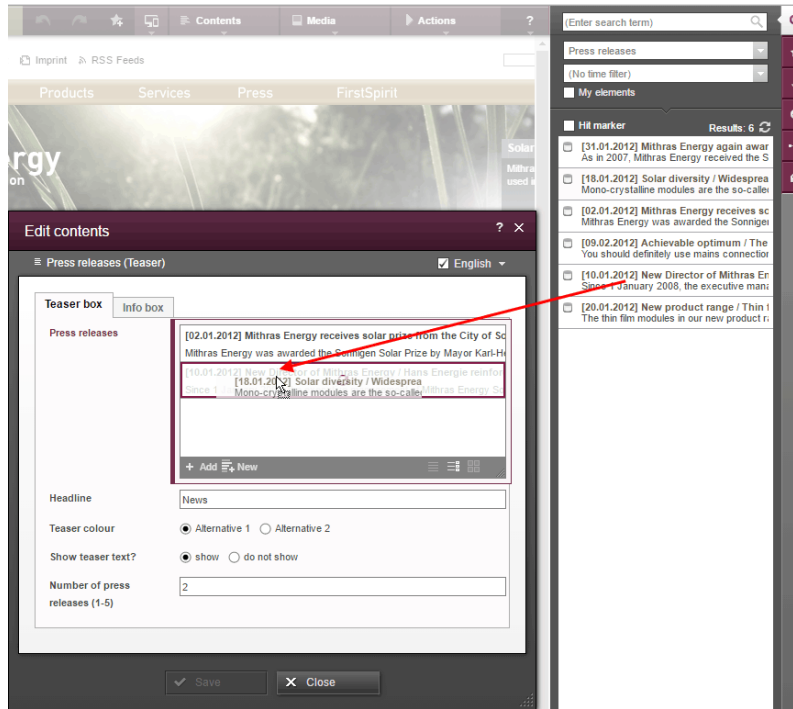
First Spirit™
Unlock Your Content
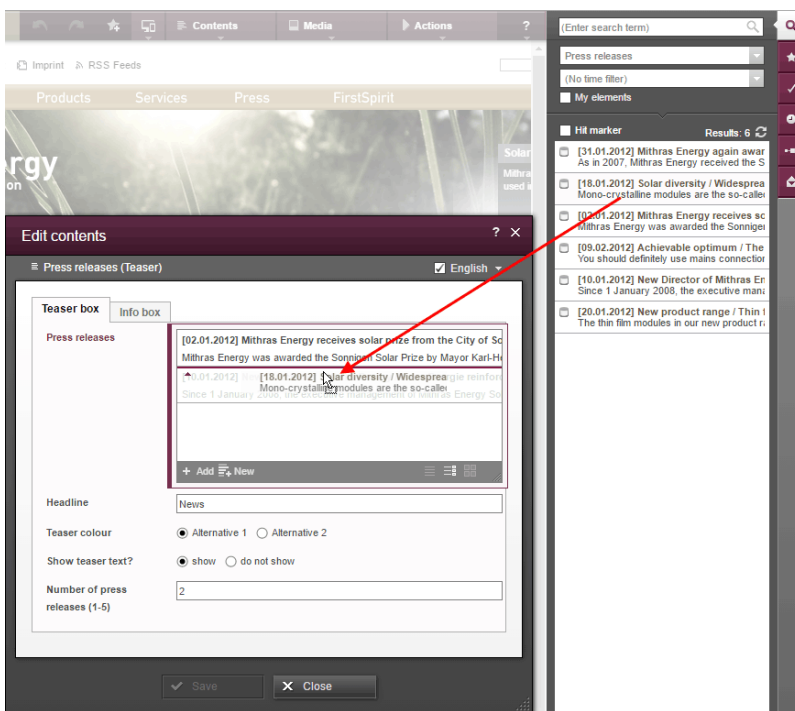
The order of entries may be modified by dropping an element that is already referenced in the component onto the form, but the dropped element will not be referenced twice.

In SiteArchitect, as of the current FirstSpirit version, data may also replace existing entries via drag-and-drop:

or be added as a new entry:

Note for use cases in which only one entry is to be selectable in FS_INDEX: If you would like that the editor can select only one entry within your FS_INDEX component, you can manage this using a rule with the **ADD** property and a "less than" check (using **<LESS_THAN/>**), for example

```
<RULE>
    <WITH>
        <LESS_THAN>
            <PROPERTY name="SIZE" source="fs_index"/>
            <NUMBER>1</NUMBER>
        </LESS_THAN>
    </WITH>
    <DO>
        <PROPERTY name="ADD" source="fs_index"/>
    </DO>
</RULE>
```
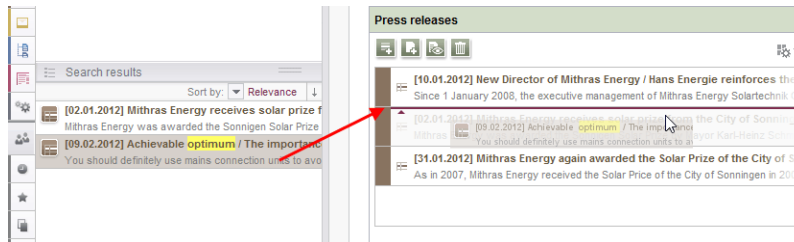
For technical reasons, starting with FirstSpirit version 5.2R5, the *ADD* rule is disregarded when replacing entries in ContentCreator **in the preview**. For ensuring that only the desired number of entries will not be exceeded, please use a rule with the restriction level **SAVE**, which will be applied when saving the form, for example

```
<RULE>
    <WITH>
        <LESS_THAN>
            <PROPERTY name="SIZE" source="fs_index"/>
            <NUMBER>2</NUMBER>
        </LESS_THAN>
    </WITH>
    <DO>
        <VALIDATION scope="SAVE">
            <PROPERTY name="VALID" source="fs_index"/>
          <MESSAGE lang="*" text="The maximum number of entries is exceeded! Max. 1"/>
            <MESSAGE lang="DE" text="Anzahl der Einträge überschritten! Max. 1"/>
```

```
            </VALIDATION>
        </DO>
    </RULE>
```

If an entry is added to FS_INDEX via the preview in ContentCreator even though there is already an entry, the form will open showing the rule violation ("The maximum number of entries is exceeded! Max. 1") and it can only saved if surplus entries have been removed.

For further information, see

- *FirstSpirit Online Documentation*,
  - "Template development / ContentCreator / Functional scope", section "FS_BUTTON handler classes"

  - "Template development / Rules"

- *FirstSpirit Manual for Editors (ContentCreator)*,
  - "Editing the preview page / Standard input elements / Lists (new, datasets)"

  - "Editing the preview page / The FirstSpirit operating concept", section "Using drag-and-drop"

- *Documentation for FirstSpirit SiteArchitect*, "Default input forms / Index (FS_INDEX)"

2   Overview

ID	Description	Categories
175578	Longer periods of inactivity could lead to erroneous behavior when requesting the FirstSpirit start page.	Webstart
182228	Improved thumbnail display for media in Media store folders.	Media Store, SiteArchitect
183767	When starting workflows via the status bar or the context menu, the available workflows will now be sorted using the same ordering.	SiteArchitect, Workflow
184024 189428 189552 189655 189899	Extended interaction pattern of FS_INDEX with drag-and-drop functionality: FS_INDEX can now be selected as a drop editor in section, link, and table templates. Furthermore, users may now add and replace entries of compatible data types (e.g. from a report) to/in index components in forms using drag-and-drop.	ContentCreator, Developer, Editor, Input Components, SiteArchitect, Template Development

ID	Description	Categories
	Further information can be found in chapter "SiteArchitect / Content-Creator: Editorial functionality using drag-and-drop in FS_INDEX".	
184237	In rare cases, erroneous behavior could occur in the preview.	ContentCreator, Preview, SiteArchitect
184314	Improved propagation of rule infractions in the input component FS_LIST (type **PAGE**).	Dynamic Forms, Input Components
185184	Editing media elements in the Media store could lead to erroneous behavior.	Editor, Media Store
186602	Optimized evaluation of privileges when setting a temporary filter on a data source.	Content Store, Permissions
186692	Beginning with Oracle JDK 1.8, the interface **ProcessAgent** (FirstSpirit Developer API, package **de.espirit.firstspirit.agency**) will use standard JDK functionality to start external processes server-side.	Developer
186896	Displaying the node properties via the keyboard shortcut Alt + P could lead to erroneous behavior.	SiteArchitect
186900	Optimized release of child elements.	Release, SiteArchitect
187660	When populating the input component FS_INDEX via drag-and-drop from a report in ContentCreator, restrictions of the rule property "ADD" were not considered.	ContentCreator, Dynamic Forms, Input Components
187851	When using the functionality "External Synchronization", the method **setDatabaseLayerMapper(ImportOperation.DatabaseLayer** of the interface **ImportOperation** (FirstSpirit API, package **de.espirit.firstspirit.store.access.nexport.operatic** will now use the correct database layer.	External synchronization
188354	Improved editing of the input component FS_CATALOG in subforms.	Editor, Input Components, SiteArchitect
188503	Improved media import via Media Import Wizard.	Media Store
188569	Stability improvement related to SiteArchitect.	SiteArchitect

ID	Description	Categories
188731	Entering text into the input component CMS_INPUT_DOMTABLE is now also possible via drag-and-drop and, when using the module "FirstSpirit OfficeConnect", via Ctrl + V .	Editor, Input Components, Modules, SiteArchitect
189119	Optimized observation of workflow privileges in a target project (functionality "CorporateContent").	Corporate Content, Permissions, Workflow
189212	Improved search for dataset ID.	Content Store, Search
189284	Security improvements in the module "FirstSpirit BasicSearch".	Modules, Security
189465	Optimized display of thumbnails in the brief overview of data sources.	Content Store, Snippets
189508	In ContentCreator, searching in Help could lead to erroneous behavior.	ContentCreator, Search
189637	Improved display of forms when switching between language tabs.	SiteArchitect
189660	Improved display of media folders, taking into consideration configured permissions.	Media Store, Permissions, SiteArchitect
189662	Sporadically, erroneous behavior could occur in the preview while working with ContentCreator.	ContentCreator, Preview
189752	Improved evaluation of privileges on a data source when creating a new dataset via the input component FS_DATASET.	Input Components, Permissions
189979	Optimized revalidation in forms when using the form properties *SIZE*, *LENGTH*, *ENTRY*, and the comparison expression *CONTAINS*.	Dynamic Forms
189983	In the input component CMS_INPUT_DOM with inline tables, erroneous behavior could occur if no table format templates were defined in the project.	ContentCreator, Input Components

3   Categories

3.1   Content Store

ID	Description
186602	Optimized evaluation of privileges when setting a temporary filter on a data source.
189212	Improved search for dataset ID.

ID	Description
189465	Optimized display of thumbnails in the brief overview of data sources.

3.2   ContentCreator

ID	Description
184024 189428 189552 189655 189899	Extended interaction pattern of FS_INDEX with drag-and-drop functionality: FS_INDEX can now be selected as a drop editor in section, link, and table templates. Furthermore, users may now add and replace entries of compatible data types (e.g. from a report) to/in index components in forms using drag-and-drop.

Further information can be found in chapter "SiteArchitect / ContentCreator: Editorial functionality using drag-and-drop in FS_INDEX". |
184237	In rare cases, erroneous behavior could occur in the preview.
187660	When populating the input component FS_INDEX via drag-and-drop from a report in Content-Creator, restrictions of the rule property "ADD" were not considered.
189508	In ContentCreator, searching in Help could lead to erroneous behavior.
189662	Sporadically, erroneous behavior could occur in the preview while working with ContentCreator.
189983	In the input component CMS_INPUT_DOM with inline tables, erroneous behavior could occur if no table format templates were defined in the project.

3.3   Corporate Content

ID	Description
189119	Optimized observation of workflow privileges in a target project (functionality "CorporateContent").

3.4   Developer

ID	Description
184024 189428	Extended interaction pattern of FS_INDEX with drag-and-drop functionality: FS_INDEX can now be selected as a drop editor in section, link, and table templates. Furthermore, users may now add

ID	Description
189552 189655 189899	and replace entries of compatible data types (e.g. from a report) to/in index components in forms using drag-and-drop. Further information can be found in chapter "SiteArchitect / ContentCreator: Editorial functionality using drag-and-drop in FS_INDEX".
186692	Beginning with Oracle JDK 1.8, the interface `ProcessAgent` (FirstSpirit Developer API, package `de.espirit.firstspirit.agency`) will use standard JDK functionality to start external processes server-side.

3.5 Dynamic Forms

ID	Description
184314	Improved propagation of rule infractions in the input component FS_LIST (type `PAGE`).
187660	When populating the input component FS_INDEX via drag-and-drop from a report in Content-Creator, restrictions of the rule property "ADD" were not considered.
189979	Optimized revalidation in forms when using the form properties *SIZE*, *LENGTH*, *ENTRY*, and the comparison expression *CONTAINS*.

3.6 Editor

ID	Description
184024 189428 189552 189655 189899	Extended interaction pattern of FS_INDEX with drag-and-drop functionality: FS_INDEX can now be selected as a drop editor in section, link, and table templates. Furthermore, users may now add and replace entries of compatible data types (e.g. from a report) to/in index components in forms using drag-and-drop. Further information can be found in chapter "SiteArchitect / ContentCreator: Editorial functionality using drag-and-drop in FS_INDEX".
185184	Editing media elements in the Media store could lead to erroneous behavior.
188354	Improved editing of the input component FS_CATALOG in subforms.

ID	Description
188731	Entering text into the input component CMS_INPUT_DOMTABLE is now also possible via drag-and-drop and, when using the module "FirstSpirit OfficeConnect", via Ctrl + V .

3.7   External synchronization

ID	Description
187851	When using the functionality "External Synchronization", the method `setDatabaseLayerMapper(ImportOperation.DatabaseLayerMapper)` of the interface `ImportOperation` (FirstSpirit API, package `de.espirit.firstspirit.store.access.nexport.operations`) will now use the correct database layer.

3.8   Input Components

ID	Description
184024 189428 189552 189655 189899	Extended interaction pattern of FS_INDEX with drag-and-drop functionality: FS_INDEX can now be selected as a drop editor in section, link, and table templates. Furthermore, users may now add and replace entries of compatible data types (e.g. from a report) to/in index components in forms using drag-and-drop. Further information can be found in chapter "SiteArchitect / ContentCreator: Editorial functionality using drag-and-drop in FS_INDEX".
184314	Improved propagation of rule infractions in the input component FS_LIST (type `PAGE`).
187660	When populating the input component FS_INDEX via drag-and-drop from a report in Content-Creator, restrictions of the rule property "ADD" were not considered.
188354	Improved editing of the input component FS_CATALOG in subforms.
188731	Entering text into the input component CMS_INPUT_DOMTABLE is now also possible via drag-and-drop and, when using the module "FirstSpirit OfficeConnect", via Ctrl + V .
189752	Improved evaluation of privileges on a data source when creating a new dataset via the input component FS_DATASET.

ID	Description
189983	In the input component CMS_INPUT_DOM with inline tables, erroneous behavior could occur if no table format templates were defined in the project.

3.9   Media Store

ID	Description
182228	Improved thumbnail display for media in Media store folders.
185184	Editing media elements in the Media store could lead to erroneous behavior.
188503	Improved media import via Media Import Wizard.
189660	Improved display of media folders, taking into consideration configured permissions.

3.10   Modules

ID	Description
188731	Entering text into the input component CMS_INPUT_DOMTABLE is now also possible via drag-and-drop and, when using the module "FirstSpirit OfficeConnect", via Ctrl + V .
189284	Security improvements in the module "FirstSpirit BasicSearch".

3.11   Permissions

ID	Description
186602	Optimized evaluation of privileges when setting a temporary filter on a data source.
189119	Optimized observation of workflow privileges in a target project (functionality "CorporateContent").
189660	Improved display of media folders, taking into consideration configured permissions.
189752	Improved evaluation of privileges on a data source when creating a new dataset via the input component FS_DATASET.

3.12   Preview

ID	Description
184237	In rare cases, erroneous behavior could occur in the preview.
189662	Sporadically, erroneous behavior could occur in the preview while working with ContentCreator.

3.13   Release

ID	Description
186900	Optimized release of child elements.

3.14   Search

ID	Description
189212	Improved search for dataset ID.
189508	In ContentCreator, searching in Help could lead to erroneous behavior.

3.15   Security

ID	Description
189284	Security improvements in the module "FirstSpirit BasicSearch".

3.16   SiteArchitect

ID	Description
182228	Improved thumbnail display for media in Media store folders.
183767	When starting workflows via the status bar or the context menu, the available workflows will now be sorted using the same ordering.

ID	Description
184024 189428 189552 189655 189899	Extended interaction pattern of FS_INDEX with drag-and-drop functionality: FS_INDEX can now be selected as a drop editor in section, link, and table templates. Furthermore, users may now add and replace entries of compatible data types (e.g. from a report) to/in index components in forms using drag-and-drop. Further information can be found in chapter "SiteArchitect / ContentCreator: Editorial functionality using drag-and-drop in FS_INDEX".
184237	In rare cases, erroneous behavior could occur in the preview.
186896	Displaying the node properties via the keyboard shortcut Alt + P could lead to erroneous behavior.
186900	Optimized release of child elements.
188354	Improved editing of the input component FS_CATALOG in subforms.
188569	Stability improvement related to SiteArchitect.
188731	Entering text into the input component CMS_INPUT_DOMTABLE is now also possible via drag-and-drop and, when using the module "FirstSpirit OfficeConnect", via Ctrl + V .
189637	Improved display of forms when switching between language tabs.
189660	Improved display of media folders, taking into consideration configured permissions.

3.17 Snippets

ID	Description
189465	Optimized display of thumbnails in the brief overview of data sources.

3.18 Template Development

ID	Description
184024 189428 189552 189655 189899	Extended interaction pattern of FS_INDEX with drag-and-drop functionality: FS_INDEX can now be selected as a drop editor in section, link, and table templates. Furthermore, users may now add and replace entries of compatible data types (e.g. from a report) to/in index components in forms using drag-and-drop.

ID	Description
	Further information can be found in chapter "SiteArchitect / ContentCreator: Editorial functionality using drag-and-drop in FS_INDEX".

3.19   Webstart

ID	Description
175578	Longer periods of inactivity could lead to erroneous behavior when requesting the FirstSpirit start page.

3.20   Workflow

ID	Description
183767	When starting workflows via the status bar or the context menu, the available workflows will now be sorted using the same ordering.
189119	Optimized observation of workflow privileges in a target project (functionality "CorporateContent").