

## Base Distribution - Story # 40599

Work Package # 45013 (Resolved): Flexible plugin integration (TODO: Reviews)

<b>Status:</b>	Resolved	<b>Priority:</b>	Should have
<b>Author:</b>	Sebastian Kurfuerst	<b>Category:</b>	Content Rendering
<b>Created:</b>	2012-09-04	<b>Assigned To:</b>	Marc Neuhaus
<b>Updated:</b>	2013-12-20	<b>Due date:</b>	2013-04-20
<b>Subject:</b>	Include arbitrary Flow-Applications as Plugins		
<b>Description</b>	<p>As a content editor, I want to include an arbitrary Flow-Application inside a page.</p> <p>Definition of done:</p> <ul style="list-style-type: none"><li>- FLOW3 packages should run as plugin inside the frontend</li><li>- we use the Blog package as example</li><li>- the controllers and most of the views should be re-used</li></ul>		
<b>Subtasks:</b>	Task # 44954: Provide a way to render PluginViews and PluginConfigurations in the Sidebar		<b>Resolved</b>
	Task # 46680: [FEATURE] Add ConfigurationProcessors for ContentTypes		<b>Resolved</b>
<b>Related issues:</b>	related to TYPO3.Neos - Task # 25761: Enable Plugins to link/redirect to othe...		<b>Closed</b> <b>2011-04-05</b>

### History

#### #1 - 2012-09-04 14:37 - Sebastian Kurfuerst

- Subject changed from *As a content editor, I want to include the Blog inside a page* to *[DISCUSS] As a content editor, I want to include the Blog inside a page*
- Position deleted (1)
- Position set to 1

#### #2 - 2012-09-04 20:24 - Bastian Waidelich

### Current Status

- **Plugin TypoScript Object** contains properties package, subpackage, controller & action
- action is the **default action** that is invoked when the plugin is called (if no PluginArguments specify other (sub)package, controller and/or action)
- There is currently **no official** way to link to Plugin actions on a **different page** (we currently use an [AOP Aspect](#) to solve this)

### Ideas

- The **Plugin TypoScript Object** contains an (optional) **PluginConfiguration** and at least one **PluginViewDefinitions**
- The **PluginSettings** consists of arbitrary settings that are relevant to the plugin (e.g. *max. number of posts per page*)
- A **PluginViewDefinition** is configured globally (e.g. via YAML). It specifies (sub)package(s), controller(s) and action(s) that are part of a **PluginView** (e.g. `PostController->showAction`, `PostController->deleteAction` for the **Post Details** PluginView). The first controller/action pair defines the **default**. Later, a PluginViewConfiguration might also define (non)cacheable actions etc.
- The **PluginView TypoScript Object** references one **PluginViewDefinition** and a **Plugin node** (aka **Master Plugin**)

### User Interface

When a plugin is inserted, the available **PluginViews** are displayed in the inspector panel:

PluginInspector\_01.png

As soon as at least one plugin with multiple PluginViewDefinitions is available, the user can insert **PluginView** Content Objects. A **PluginView** has to define **Master Plugin node** and the **PluginViewDefinition** it refers to:

PluginViewInspector\_01.png

When the user edits the **Master Plugin** instance again, the linked **PluginViews** are displayed in the inspector:

PluginInspector\_02.png

**#3 - 2012-09-04 20:45 - Bastian Waidelich**

- File *PluginInspector\_01.png* added
- File *PluginViewInspector\_01.png* added
- File *PluginInspector\_02.png* added

**#4 - 2012-09-04 22:33 - Sebastian Kurfuerst**

Example for Form Builder: <https://review.typo3.org/#/q/topic:formbuilder.n.z>

**#5 - 2012-09-07 09:23 - Sebastian Kurfuerst**

- Subject changed from *[DISCUSS] As a content editor, I want to include the Blog inside a page to As a content editor, I want to include the Blog inside a page*
- Position deleted (5)
- Position set to 5

**#6 - 2012-09-07 09:47 - Bastian Waidelich**

See <https://review.typo3.org/#/c/14390/> for a first WIP

**#7 - 2012-09-21 17:06 - Sebastian Kurfuerst**

- Target version changed from *Sprint 10 (1.0 TP1)* to *Sprint February 2013*
- Position deleted (16)
- Position set to 4

**#8 - 2012-10-11 11:13 - Sebastian Kurfuerst**

- Position deleted (35)
- Position set to 2

**#9 - 2013-01-29 14:18 - Robert Lemke**

- Position deleted (18)
- Position set to 20

**#10 - 2013-01-29 14:18 - Robert Lemke**

- Target version deleted (*Sprint February 2013*)
- Position deleted (18)
- Position set to 72

**#11 - 2013-01-29 15:27 - Sebastian Kurfuerst**

- Category set to *Content Rendering*
- Assigned To set to *Marc Neuhaus*
- Target version set to *Sprint February 2013*

**#12 - 2013-01-29 15:35 - Sebastian Kurfuerst**

- Subject changed from *As a content editor, I want to include the Blog inside a page* to *Include arbitrary Flow-Applications as Plugins*

**#13 - 2013-02-05 14:02 - Marc Neuhaus**

Did some Prototyping during the CodeSprint in Lübeck:

<https://review.typo3.org/#/c/18007/>

<https://review.typo3.org/#/c/18008/>

<https://github.com/mneuhaus/TYPO3.Plugin.Blog/commit/632dda20170e502006f60ebe565d8f2838f7f693>

**#14 - 2013-03-18 15:05 - Marc Neuhaus**

- Parent task set to #45013

**#15 - 2013-04-04 11:48 - Gerrit Code Review**

Patch set 6 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19513>

**#16 - 2013-04-04 13:37 - Gerrit Code Review**

Patch set 7 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19513>

**#17 - 2013-04-04 14:09 - Gerrit Code Review**

Patch set 8 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19513>

**#18 - 2013-04-11 00:21 - Gerrit Code Review**

Patch set 9 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19513>

**#19 - 2013-04-11 16:19 - Gerrit Code Review**

Patch set 10 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19513>

**#20 - 2013-04-12 17:03 - Gerrit Code Review**

Patch set 11 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19513>

**#21 - 2013-04-15 10:52 - Gerrit Code Review**

Patch set 12 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19513>

**#22 - 2013-06-06 12:12 - Gerrit Code Review**

Patch set 13 for branch **master** has been pushed to the review server.

It is available at <https://review.typo3.org/19513>

**#23 - 2013-12-20 17:37 - Bastian Waidelich**

- *Status changed from New to Resolved*

#### Files

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PluginInspector_01.png	14.6 kB	2012-09-04	Bastian Waidelich
PluginViewInspector_01.png	11.3 kB	2012-09-04	Bastian Waidelich
PluginInspector_02.png	14.8 kB	2012-09-04	Bastian Waidelich