FORMCENTRIC

Migration guide

Version 7.2.2
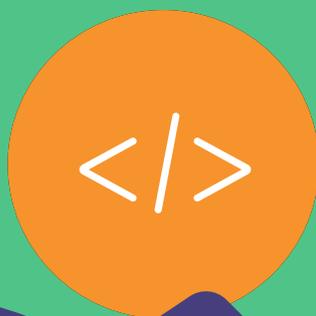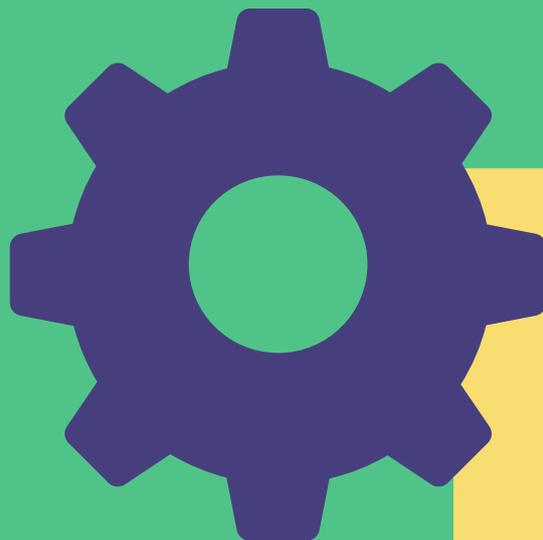
Formcentric for FirstSpirit: Migration guide

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Access to documentation

You can always find the latest version of the documentation in the Help centre help.formcentric.com. Older versions and additional information are available in the Formcentric Helpdesk helpdesk.formcentric.com.

Migration from Webforms to Formcentric

Before starting the migration to *Formcentric 7*, please create a complete backup of all existing forms. This backup will allow you to restore your forms in the event of any issues that may arise during the migration process. Ensure that the backup is completed successfully.

For *Formcentric 7*, you need a new license file. To obtain one, please contact our helpdesk at support@formcentric.com.

Updating the Installation

This section explains the steps required to migrate an existing *Webforms* installation to *Formcentric 7.2*.

1. Up to and including version 6.6.9 of *Webforms*, uninstalling the module automatically deletes all original project resources (JavaScript, CSS), scripts, and section templates. As a result, any existing forms can no longer be opened in the editor afterward, because the corresponding section template is missing.

   To prevent this, delete the file *webforms_app.cfg* from all relevant project directories in your FirstSpirit server installation before uninstalling the module:

   ```
   /firstspirit5/data/projects/<projekt-verzeichnis-*>/modules/
           Monday Webforms.Monday Webforms Resources/webforms_app.cfg
   ```

   Starting with version *6.6.10*, these resources remain in place, so this step is no longer necessary.

2. Open the *FirstSpirit SiteManager* and note down all settings of the installed Webforms WebApp components. You will need these details later when configuring the Formcentric WebApp components.

3. Uninstall the *Webforms* module using the *SiteManager*.

   Note: Due to identical component names, the *Formcentric* FSM module cannot be installed in parallel with *Webforms* on the same FirstSpirit system.

4. Install the FSM archive *formcentric-7.2.2.fsm*. During installation, the global web applications *fc_preview* and *fc_live* are created automatically. The web applications for *Formcentric Analytics* and the *headless web application* must be created manually if needed.

5. Install and configure the module according to the instructions in the *Formcentric Developer Guide*. During this process, apply the previously noted settings for the required WebApp components.

6. Update the JavaScript files provided by Formcentric. You can find the latest versions in the media section under *Formcentric/Standard/JavaScript (minified)* after installing the project component *Formcentric Resources*.

Adapting Existing Form Section Templates

To make your existing form section templates compatible with *Formcentric*, you need to apply the following changes:

1. The input component has been renamed:

   MONDAY_FORMEDITOR → FORMCENTRIC_FORMEDITOR

   Update this name in the *Form* tab of each relevant section template.

2. Revise the HTML output in the *Internet* tab as follows:

   • Replace the script calls for *webforms_encrypted_form*, *webforms_encrypted_refs*, and *webforms_login_ticket* with the corresponding *formcentric* scripts.

   • Within *mwfAjaxReplace*, change the URL generation so that *formcentric_url* is used instead of *webforms_url*.

   • Rename the following variables:

     mwf_encryptedForm → fc_encryptedForm
     mwf_encryptedRefs → fc_encryptedRefs
     mwf_loginTicket → fc_loginTicket

Below you can see the original code of the Webforms section template as well as the updated version for Formcentric.

Webforms Section Template (before migration)

The following code shows the original HTML output of the form section template before switching to Formcentric.

```
$CMS_RENDER(script: "webforms_encrypted_form", form: form.XML)$
$CMS_RENDER(script: "webforms_encrypted_refs", ids: form.internalReferences)$
$CMS_RENDER(script: "webforms_login_ticket")$

<!-- Webforms -->
<div class="clearfix module"$CMS_VALUE(editorId())$>
  <div class="mwf-form">
    <div id="ajaxreplace$CMS_VALUE(form.uid)$">
      <script type="text/javascript">
        jQuery(function() {
          jQuery.mwfAjaxReplace({
            uid: '$CMS_VALUE(form.uid)$',
```

```
        selector: '#ajaxreplace$CMS_VALUE(form.uid)$',
        url: '$CMS_RENDER(script:"webforms_url")$/servlet/form',
        appendUrlVars: true,
        data: {
          _view: 'webform',
          _fd: '$CMS_VALUE(mwf_encryptedForm)$',
          _refs: '$CMS_VALUE(mwf_encryptedRefs)$',
          _lang: '$CMS_VALUE(form.lang())$',
          _ticket: '$CMS_VALUE(mwf_loginTicket)$'
        }
      });
    });
    </script>
    </div>
  </div>
</div>
```

Formcentric Section Template (after migration)

The following code contains the updated HTML output of the form section template after migrating to Formcentric.

```
$CMS_RENDER(script: "formcentric_encrypted_form",
            form: form.XML)$
$CMS_RENDER(script: "formcentric_encrypted_refs",
            ids: form.internalReferences)$
$CMS_RENDER(script: "formcentric_login_ticket")$

<!-- Formcentric -->
<div class="clearfix module"$CMS_VALUE(editorId())$>
  <div class="mwf-form">
    <div id="ajaxreplace$CMS_VALUE(form.uid)$">
      <script type="text/javascript">
        jQuery(function() {
          jQuery.mwfAjaxReplace({
            uid: '$CMS_VALUE(form.uid)$',
            selector: '#ajaxreplace$CMS_VALUE(form.uid)$',
            url: '$CMS_RENDER(script:"formcentric_url")$/servlet/form',
            appendUrlVars: true,
            data: {
              _view: 'webform',
              _fd: '$CMS_VALUE(fc_encryptedForm)$',
              _refs: '$CMS_VALUE(fc_encryptedRefs)$',
              _lang: '$CMS_VALUE(form.lang())$',
              _ticket: '$CMS_VALUE(fc_loginTicket)$'
            }
          });
        });
      </script>
    </div>
  </div>
</div>
```

Migration of the Development Workspace

To migrate your custom extensions and adjustments, copy your project code from the existing development workspace into the module directories of the development workspace provided with *Formcentric 7*. The directories have been renamed from *webforms-** to *formcentric-**. Assign all files to the corresponding modules in the new workspace. The table below lists the old and new module names side by side.

Table 1.

Webforms Module	Formcentric Module
webforms-editor-customizations	formcentric-editor-customizations
webforms-webapp-customizations	formcentric-webapp-customizations
webforms-webapp-lib-customizations	formcentric-webapp-lib-customizations
	formcentric-headless-lib-customizations
	formcentric-headless-webapp-cus-tomizations
	formcentric-headless-server-customiza-tions
webforms-webedit-customizations	formcentric-webedit-customizations
webforms-webedit-lib-customizations	formcentric-webedit-lib-customizations
webforms-admin-customizations	formcentric-admin-customizations
webforms-module-customizations	formcentric-module-customizations

Renaming

Maven

The Group IDs of all Maven artifacts have been changed from *com.monday.webforms.** to *com.formcentric.**, and the corresponding Artifact IDs have been switched from *webforms-** to *formcentric-**.

Example before:

```
<dependency>
    <groupId>com.monday.webforms.firstspirit</groupId>
    <artifactId>webforms-webedit-lib</artifactId>
    <version>6.5.7</version>
</dependency>
```

Example after:

```
<dependency>
    <groupId>com.formcentric.firstspirit</groupId>
    <artifactId>formcentric-webedit-lib</artifactId>
    <version>7.0.0</version>
```

```
    </dependency>
```

Adjust your Maven configurations accordingly if needed.

Java

The Java packages *com.monday.webforms.*** have been renamed to *com.formcentric.***.

Example before:

```
import com.monday.webforms.actions.BaseAction;
```

Example after:

```
import com.formcentric.actions.BaseAction;
```

Replace all old package names in your Java classes, Spring configurations, JSP templates, and Freemarker templates with the new ones.

Spring

The XML-based Spring configuration files in the *WEB-INF/spring* directory have been renamed from *webforms-*.xml* to *formcentric-*.xml*. Likewise, the corresponding property files in the *WEB-INF* directory have been changed from *webforms-*.properties* to *formcentric-*.properties*.

Rename all configurations and property files in which you have made your own adjustments, or transfer your changes into the prepared files of the new workspace. Be sure to also update the package names as described in the section called "Java".

JSP Templates

The tag libraries provided by *Formcentric* have been renamed.

Example before:

```
<%@ taglib prefix="form"
          uri="http://www.monday-consulting.com/spring/tags/form" %>
<%@ taglib prefix="mwf"
          uri="http://www.monday-consulting.com/webforms-1.0" %>
<%@ taglib prefix="mws"
          uri="http://www.monday-consulting.com/web-security-1.0" %>
```

Example after:

```
<%@ taglib prefix="form"
          uri="http://www.formcentric.com/spring/tags/form" %>
<%@ taglib prefix="fc"
          uri="http://www.formcentric.com/formcentric-1.0" %>
<%@ taglib prefix="fcs"
          uri="http://www.formcentric.com/web-security-1.0" %>
```

Update the import directives in your JSP templates accordingly. Note that the prefixes used may have changed as well.

Freemarker Templates

The namespace for Freemarker functions and macros provided by *Formcentric* has been changed from *mwf* to *fc*.

Example before:

```
<#list mwf.forEachPageElement(true, false, "condition", "") as layout>

<@mwf.include self=input view=input.type />
```

Example after:

```
<#list fc.forEachPageElement(true, false, "condition", "") as layout>

<@fc.include self=input view=input.type />
```

In your Freemarker templates (*.ftl), replace the *mwf* namespace with *fc* for all function and macro calls.

New and extended form element types

Formcentric 7 provides several new form element types, whose output templates (JSP or Freemarker) may need to be adapted to match your design. This includes:

Table 2.

Form element type	Templates
emailField	emailField.jsp, emailField.ftl
dateField	dateField.jsp, dateField.ftl
phoneField	phoneField.jsp, phoneField.ftl
numberField	numberField.jsp, numberField.ftl
shortText	shortText.jsp, shortText.ftl

The Captcha element now supports additional captcha providers. Consequently, the corresponding output templates have been updated. You now need to include an additional JavaScript file in the form template (*webforms.jsp* or *webforms.ftl*). Compare the Captcha templates delivered with *Formcentric* to your own, and apply any necessary changes.