

# Release Notes

Monday Webforms for FirstSpirit

## Version 2.4

- New action added, which can be used to complete existing PDF forms.
- New action added, which can be used to save file uploads in the FirstSpirit media store.
- Actions can now be disabled by a condition.
- Files are now validated during upload.
- The API *AntiSamy* has been replaced by the *owasp-java-html-sanitizer* successor project. The configuration file *antisamy\_policy.xml* is no longer required.

All JavaScript, HTML and CSS elements are now removed as standard from the form data transmitted. To permit certain types of elements, the method *createPolicyFactory()* must be overridden in the *SecurityServletFilter* class (see Developer Manual).

- The class *JavascriptValidator* has been renamed as *JavaScriptValidator* . This must be adjusted in the Spring configuration *monday-webforms-controllers.xml* as required.
- Minor cosmetic improvements and bugfixes

## Version 2.3.3

- Resolves an error in the datasource action editor.

## Version 2.3.2

- Performance improvements
- Resolves an error in the Webforms jQuery plugin.
- Minor cosmetic improvements and bugfixes

## Version 2.3.1

- Resolves an error in the Webforms jQuery plugin.
- Resolves an error during the validation of conditions.
- A CSS class can now be selected for the *Calculated Value* element.
- *Calculated Values* can now be shown or hidden by specifying conditions.

## Version 2.3

- Editing staff now have the opportunity of specifying the form values that will be displayed in the Summary.
- A CSS class can now be selected for application to the Page Break element.
- A CSS class can now be selected for application to the Page Break element.
- The JavaScript *monday-webforms.js* has been optimised and moved to the new jQuery plugin *jquery-webforms-1.0.js* . Existing templates should be adjusted to the modified JavaScript API. For details of correct usage, please consult the Developer Manual and the JSP templates.
- *Calculated Values* are now also calculated on the client if necessary. Editing staff can specify this for each *Calculated Value* as required.

For outputting the associated JavaScript, the new JSP tag `<mwf:calculatedValues/>` is available (see Developer Manual).

- The values of dynamic drop-down lists are now validated using a hash value generated on the server.
- The email validator now accepts any top-level domains up to a maximum length of 13 characters.
- For security reasons, the validation scripts defined for the *Form* and *Page Break* elements must return an empty string in the event of a successful validation.
- To make clickjacking attacks on generated forms more difficult, the standard approach now is to transmit the request header *X-FRAME-OPTIONS* with the value *SAMEORIGIN*. This setting can be modified in the configuration file *monday-forms-controllers.xml* as required.
- The internal name of the submit button has been changed from *\_submit* to *\_finish* . Appropriate changes should be made to existing forms.
- Minor cosmetic improvements and bugfixes

## Version 2.2.2

- Resolves a critical error during client-side parsing of conditions.
- Minor cosmetic improvements and bugfixes

## Version 2.2.1

- To avoid conflicts with other FirstSpirit modules, the JAR archives required are now defined locally to the module.

## Version 2.2

- New action added, which can be used to save form data in a FirstSpirit data source.

The screenshot shows the configuration for a 'Form' action in the Webforms tool. On the left is a tree view of the form structure, including a 'Datasource' and various input fields. The main configuration area includes:

- Scheme:** Products
- Table:** Contacts
- Mapping:** A table mapping form fields to data source fields:
 

Form field	Datasource field
Input Field [surname]	Lastname
Input Field [name]	Firstname
- Comment:** A text input field.
- Confirmation:** A larger text input field.
- Release stored data:** A checkbox.
- Do not execute action when:** A table with columns 'Field\*', 'Operator\*', and 'Value', and radio buttons for 'Any' and 'All'.

**Note:** This is a functional extension, which requires an additional license before it can be used.

- In addition to the *List of Choices*, the elements *Single Choices* and *Multiple Choices* can now also be filled dynamically. In addition, the REST service specified in the *Data Source* attribute can now be given any number of key/value pairs as parameters.

The screenshot shows a configuration for a 'Countries' dropdown menu. Below the dropdown is a table for parameters:

Parameter	Value
chars	2

The call to the REST service has now changed. In the URL, instead of the parameters *service* and *uid*, the parameters *\_service*, *\_uid* and *\_input* must be specified. The following example shows how the REST service is called in the template *comboBox.jsp*:

```
<c:if test="\${not empty input.properties['datasource']}">
  <c:url value="/servlet/rest" var="ajaxUrl">
    <c:param name="_service" value="\${input.properties['datasource']}" />
    <c:param name="_uid" value="\${form.uid}" />
    <c:param name="_input" value="\${input.name}" />
  </c:url>
</c:if>
```

```

<mf:valueOut var="userValue" name="${input.name}"/>
<c:set var="strUserValue" value="${fn:join(userValue, ',')}"/>

<script type="text/javascript">
    com.monday.webforms.ajaxFillDropdown('${ajaxUrl}', {},
        '${id}', '${fn:escapeXml(strUserValue)}');
</script>
</c:if>

```

- In input fields, the attribute *Suggestions* can now be used to specify a REST service. This creates a drop-down autocomplete list that is shown to the user while typing. As shown below, the call to the REST service must be inserted into the *inputField.jsp* template:

```

<c:if test="${not empty input.properties['datasource']}">
    <c:url value="/servlet/rest" var="ajaxUrl">
        <c:param name="_service" value="${input.properties['datasource']}"/>
        <c:param name="_uid" value="${form.uid}"/>
        <c:param name="_input" value="${input.name}"/>
    </c:url>

    <script type="text/javascript">
        com.monday.webforms.ajaxAutocomplete('${ajaxUrl}', {}, '${id}');
    </script>
</c:if>

```

- A new validator checks whether the same value has been entered into two input fields.

- Within the *Paragraph* element, *markdown* syntax for text formatting can now be used. Webforms supports this with the new JSP tag `<mf:markdown>`. If required, this tag can also be used in conjunction with other form elements. The following example shows how the tag is used in the template *paragraph.jsp*:


```

<p><mf:markdown><c:out value="${input.value}"/></mf:markdown></p>

```

Existing templates should be modified as required.

- In the Input component, form elements can now be repositioned or copied using drag-and-drop.
- Cancel button text can now be changed by editorial staff.
- The element *Condition* has been extended. In addition to visibility, other properties of a form element can now also be changed.

Element	State
 Field [address]	<input type="text"/>
	<ul style="list-style-type: none"> <li>Visible</li> <li>Hidden</li> <li>Optional</li> <li>Mandatory</li> <li>Writable</li> <li>Read-Only</li> <li>Enabled</li> <li>Disbaled</li> </ul>

In existing solutions, the JavaScript tag in the *webforms.jsp* template

```
<script type="text/javascript">
  <!-- $(function() {
    <mwf:forEachPageElement var="cond" include="condition">
      ...
    </mwf:forEachPageElement>
  }); //-->
</script>
```

must be replaced by the following JSP tag:

```
<mwf:conditions/>
```

- The output template of the *File* element *fileUpload.jsp* has been extended. The file name of a previously uploaded file is now shown by the element. An additional button enables deletion of the file.

Existing templates should be modified appropriately.

- In Java, the element type name constant definitions have been moved to the new *com.monday.webforms.common.FORM* interface. All classes that use the old constant definitions from the *FormEditorSetup* class must be modified appropriately.
- The *monday-webforms.js* JavaScript has been overhauled and extended. Methods that generate or alter HTML can now be modified to suit individual requirements by specifying callback methods (see also section 6.4.8 in the Developer Manual).
- The WebApp component has been updated to Spring 3.2.4.
- The Maven plugin, which is used to create the FirstSpirit module descriptor, has been completely overhauled. The plugin's Maven configuration must be modified as described in the Developer Manual.
- Minor cosmetic improvements and bugfixes.



A new licence file is required for version 2.2. For details, please contact the First-Spirit Help Desk or mail us at [support@monday-consulting.com](mailto:support@monday-consulting.com).

## Version 2.1

- Placeholder text can now be specified for input fields.

- Submit button text can now be changed by editorial staff.
- Monday Webforms can now also be used with the latest versions of jQuery (1.9+).
- File uploads can now be validated.
- The class *GomFormEditor* has been moved to a different package.

If you use your own development workspace, you will need to edit the workspace's module descriptor *proptotype.module.xml* and change the class name of the GOM element from *com.monday.webforms.editor.gadgets.GomFormEditor* to *com.monday.webforms.editor.gom.GomFormEditor*.

## Version 2.0

- Integration of Monday Webforms with FirstSpirit 5.x
- This version has been certified by e-Spirit for use with FirstSpirit 5.x.
- **Note:** Program versions with major version number “2” are compatible with FirstSpirit 5.x. Program versions with major version number “1” will from now on be compatible only with FirstSpirit 4.2-R4.