

# Configuration File Changes

Webforms for Marketers 9.0



**sitecore**<sup>®</sup>  
Own the experience<sup>™</sup>

## Table of Contents

Chapter 1	Configuration Files .....	3
1.1	Server Roles .....	4
1.2	Configuration File Changes .....	5
1.2.1	Captcha.config.....	5
1.2.2	Sitecore.Forms.Mvc.config.....	5
1.2.3	Sitecore.MvcForms.config.....	5
1.2.4	Sitecore.Forms.config.....	6

*Sitecore® is a registered trademark. All other brand and product names are the property of their respective holders. The contents of this document are the property of Sitecore. Copyright © 2001-2017 Sitecore. All rights reserved.*

## Chapter 1

### Configuration Files

This document describes the changes that have been made to the configuration files in Sitecore Web Forms for Marketers (WFFM) between the Sitecore WFFM 2.4 and the Sitecore WFFM 9.0 releases.

This document lists the new configuration files that were added as well as the changes that were made to the existing configuration files.

You should use this document as a reference when you use the Express Migration Tool to migrate the Web Forms for Marketers.

When you upgrade an existing solution, you might need to implement the relevant configuration changes manually.

## 1.1 Server Roles

In Sitecore 9.0, Sitecore has introduced new server role-based rules in the configuration files. Rule-based configuration allows you to set up a server role without manually enabling and disabling individual config files.

All WFFM config files have been updated with the **role:require** attribute.

## 1.2 Configuration File Changes

### 1.2.1 `Captcha.config`

#### Removed

- In the `<preprocessRequest>` pipeline, the following processor was removed:

```
<processor x:before="*[1]"
type="Sitecore.Form.Core.Pipeline.RequestProcessor.CaptchaResolver,
Sitecore.Forms.Core"/>
```

### 1.2.2 `Sitecore.Forms.Mvc.config`

The implementation of MVC support has been changed.

- The `Sitecore.Forms.Mvc.config` configuration file was removed.
- The new `Sitecore.MvcForms.config` configuration file was added.

### 1.2.3 `Sitecore.MvcForms.config`

#### Changed

- In the `<initialize>` pipeline section, the following node:

```
<processor type="Sitecore.Forms.Mvc.Pipelines.Initialize.AddCustomMetadataProvider,
Sitecore.Forms.Mvc" />
```

Was replaced with:

```
<processor type="Sitecore.Forms.Mvc.Pipelines.Initialize.AddCustomMetadataProvider,
Sitecore.Forms.Mvc">
  <param name="perRequestStorage" ref="/sitecore/wffm/data/perRequestStorage" />
  <param type="Sitecore.Abstractions.BaseCorePipelineManager, Sitecore.Kernel"
resolve="true"/>
</processor>
```

- In the `<wffm.executeSaveActions>` pipeline section, the following node:

```
<processor
type="Sitecore.Forms.Mvc.Pipelines.ExecuteSaveActions.SaveDataAndExecuteSaveActions, Si
tcore.Forms.Mvc" />
```

Was replaced with:

```
<processor
type="Sitecore.Forms.Mvc.Pipelines.ExecuteSaveActions.SaveDataAndExecuteSaveActions, Si
tcore.Forms.Mvc" >
  <param name="formDataHandler" ref="/sitecore/wffm/formDataHandler" />
  <param name="analyticsTracker" ref="/sitecore/wffm/analytics/analyticsTracker" />
</processor>
```

- In the `<wffmRenderingContext>` section, the following node:

```
<wffmRenderingContext
type="Sitecore.Forms.Mvc.Wrappers.WrappedRenderingContext, Sitecore.Forms.Mvc"
singleInstance="true" />
```

Was replaced with:

```
<wffmRenderingContext
type="Sitecore.Forms.Mvc.Data.Wrappers.WrappedRenderingContext, Sitecore.Forms.Mvc"
singleInstance="true" />
```

## Removed

- In the <initialize> pipeline, the following processors were removed:

```
<processor
patch:before="processor[@type='Sitecore.Mvc.Pipelines.Loader.InitializeGlobalFilters,
Sitecore.Mvc']" type="Sitecore.Forms.Mvc.Pipelines.AddCustomMetadataProvider,
Sitecore.Forms.Mvc" />
<processor type="Sitecore.Forms.Mvc.Pipelines.Routes.InitializeRoutes,
Sitecore.Forms.Mvc"
patch:after="*[@type='Sitecore.Mvc.Pipelines.Loader.InitializeRoutes, Sitecore.Mvc']"
/>
<processor type="Sitecore.Forms.Mvc.Pipelines.RegisterValidationRulesEventsMap,
Sitecore.Forms.Mvc" />
<processor
patch:before="processor[@type='Sitecore.Mvc.Pipelines.Loader.InitializeGlobalFilters,
Sitecore.Mvc']" type="Sitecore.Forms.Mvc.Pipelines.RegisterFormBundles,
Sitecore.Forms.Mvc" />
<processor type="Sitecore.Forms.Mvc.Pipelines.SetupRenderingContext,
Sitecore.Forms.Mvc"/>
<processor type="Sitecore.Forms.Mvc.Pipelines.InitializeSimpleInjectorContainer,
Sitecore.Forms.Mvc"/>
```

- In the <renderField> pipeline, the following processor was removed:

```
<processor type="Sitecore.Forms.Mvc.Pipelines.Fields.AddFallbackValue,
Sitecore.Forms.Mvc"
patch:before="*[@type='Sitecore.Pipelines.RenderField.AddBeforeAndAfterValues,
Sitecore.Kernel']" />
```

- In the <mvc.getRenderer> pipeline, the following processor was removed:

```
<processor
patch:before="processor[@type='Sitecore.Mvc.Pipelines.Response.GetRenderer.GetControllerRenderer, Sitecore.Mvc']"
type="Sitecore.Forms.Mvc.Pipelines.GetFormControllerRenderer, Sitecore.Forms.Mvc"/>
```

- The <wffm.registerTypes> pipeline was removed:

```
<wffm.registerTypes>
  <processor type="Sitecore.Forms.Mvc.Pipelines.RegisterTypes.RegisterFormDataManager,
Sitecore.Forms.Mvc"/>
  <processor type="Sitecore.Forms.Mvc.Pipelines.RegisterTypes.RegisterModelFactory,
Sitecore.Forms.Mvc"/>
</wffm.registerTypes>
```

- The <formsProcessors> node was removed:

```
<formsProcessors>
  <processor type="Sitecore.Forms.Mvc.Processors.SitecoreFormProcessor,
Sitecore.Forms.Mvc"/>
</formsProcessors>
```

- The following <setting> was removed:

```
<setting name="WFM.Mvc.CacheOutputDuration" value="60" />
```

- The <wffmAnalyticsTracker> node was removed:

```
<wffmAnalyticsTracker
type="Sitecore.Forms.Mvc.Analytics.DefaultAnalyticsTracker, Sitecore.Forms.Mvc"
singleInstance="true" />
```

### 1.2.4 Sitecore.Forms.config

## Changed

- In the <processMessage> pipeline section, the following nodes:

```
<processor type="Sitecore.Form.Core.Pipelines.ProcessMessage.ProcessMessage,
Sitecore.Forms.Core" method="ExpandLinks" />
<processor type="Sitecore.Form.Core.Pipelines.ProcessMessage.ProcessMessage,
Sitecore.Forms.Core" method="ExpandTokens">
  <DatabaseDep ref="wffmContextDatabase" />
</processor>
```

# Configuration File Changes

```
<processor type="Sitecore.Form.Core.Pipelines.ProcessMessage.ProcessMessage, Sitecore.Forms.Core" method="AddHostToItemLink" />
<processor type="Sitecore.Form.Core.Pipelines.ProcessMessage.ProcessMessage, Sitecore.Forms.Core" method="AddHostToMediaItem" />
<processor type="Sitecore.Form.Core.Pipelines.ProcessMessage.ProcessMessage, Sitecore.Forms.Core" method="AddAttachments">
  <DatabaseDep ref="wffmContextDatabase" />
</processor>
<processor type="Sitecore.Form.Core.Pipelines.ProcessMessage.ProcessMessage, Sitecore.Forms.Core" method="BuildToFromRecipient" />
<processor type="Sitecore.Form.Core.Pipelines.ProcessMessage.ProcessMessage, Sitecore.Forms.Core" method="SendEmail" />
```

Were replaced with:

```
<processor type="Sitecore.Forms.Core.Pipelines.ProcessMessage, Sitecore.Forms.Core" method="ExpandLinks" />
<processor type="Sitecore.Forms.Core.Pipelines.ProcessMessage, Sitecore.Forms.Core" method="ExpandTokens">
  <ItemRepository ref="/sitecore/wffm/itemRepository" />
  <FieldProvider ref="/sitecore/wffm/fieldProvider" />
</processor>
<processor type="Sitecore.Forms.Core.Pipelines.ProcessMessage, Sitecore.Forms.Core" method="AddHostToItemLink" />
<processor type="Sitecore.Forms.Core.Pipelines.ProcessMessage, Sitecore.Forms.Core" method="AddHostToMediaItem" />
<processor type="Sitecore.Forms.Core.Pipelines.ProcessMessage, Sitecore.Forms.Core" method="AddAttachments">
  <ItemRepository ref="/sitecore/wffm/itemRepository" />
</processor>
<processor type="Sitecore.Forms.Core.Pipelines.ProcessMessage, Sitecore.Forms.Core" method="BuildToFromRecipient" />
<processor type="Sitecore.Forms.Core.Pipelines.ProcessMessage, Sitecore.Forms.Core" method="SendEmail" />
```

- In the <references> section, the following node:

```
<reference
  uniq="/bin/Sitecore.Forms.Core.dll">/bin/Sitecore.Forms.Core.dll</reference>
```

Was replaced with:

```
<reference id="Sitecore.Forms.Core.dll">/bin/Sitecore.Forms.Core.dll</reference>
```

## Removed

- The <exportToXml> pipeline was moved to the Sitecore.WFFM.Services.config file.
- The <exportToExcel> pipeline was moved to the Sitecore.WFFM.Services.config file.
- The <exportToAscx> pipeline was moved to the Sitecore.WFFM.Services.config file.
- The following <setting> was removed:

```
<setting name="WFFM.ConnectionString" value="wffm" />
```

- In the <dataviews> section, the following node was removed:

```
<dataview name="EmailCampaignManager" assembly="Sitecore.Forms.Core"
  type="Sitecore.Form.Core.Data.EmailCampaignManagerDataView" Parameters="" />
```

- In the <commands> section, the following commands were removed:

```
<command name="forms:dataviewer"
  type="Sitecore.Forms.Core.Commands.RunFormDataViewer, Sitecore.Forms.Core" />
<command name="forms:exporttoxml"
  type="Sitecore.Forms.Core.Commands.Export.ExportToXml, Sitecore.Forms.Core" />
<command name="forms:exporttoexcel"
  type="Sitecore.Forms.Core.Commands.Export.ExportToExcel, Sitecore.Forms.Core" />
<command name="forms:export:completed"
  type="Sitecore.Forms.Core.Commands.Export.ExportCompleted, Sitecore.Forms.Core" />
<command name="forms:datadelete"
  type="Sitecore.Forms.Core.Commands.DataViewer.Operations.Delete, Sitecore.Forms.Core" />
<command name="forms:datarefresh"
  type="Sitecore.Forms.Core.Commands.View.Refresh, Sitecore.Forms.Core" />
```

```
<command name="forms:dataarchive"
type="Sitecore.Forms.Core.Commands.DataViewer.Operations.Archive,Sitecore.Forms.Core"
/>
<command name="forms:datarestore"
type="Sitecore.Forms.Core.Commands.DataViewer.Operations.Restore,Sitecore.Forms.Core"
/>
<command name="forms:viewarchive"
type="Sitecore.Forms.Core.Commands.View.ViewArchive,Sitecore.Forms.Core" />
<command name="forms:viewdata"
type="Sitecore.Forms.Core.Commands.View.ViewData,Sitecore.Forms.Core" />
<command name="forms:archivedelete"
type="Sitecore.Forms.Core.Commands.Archive.DeleteInArchive,Sitecore.Forms.Core" />
<command name="forms:selectfields"
type="Sitecore.Forms.Core.Commands.Fields.SelectFields,Sitecore.Forms.Core" />
<command name="forms:poolreset"
type="Sitecore.Form.Core.Commands.PoolReset,Sitecore.Forms.Core" />
<command name="forms:opensession"
type="Sitecore.Form.Core.Commands.OpenSession,Sitecore.Forms.Core" />
```

- The `<formsDataProvider>` nodes were removed.

```
<!-- DLINQ compatible data storage -->
<!-- MS SQL -->
<formsDataProvider
type="Sitecore.Forms.Data.DataProviders.WFMDDataProvider,Sitecore.Forms.Core">
  <param desc="connection string">Database=(database);Data Source=(server);user
id=(user);password=(password);Connect Timeout=30</param>
</formsDataProvider>
<!-- Oracle -->
<!--
<formsDataProvider
type="Sitecore.Forms.Data.DataProviders.Oracle.OracleWFMDDataProvider,Sitecore.Forms.Or
acle">
  <param desc="connection string">user id=(user);password=(password);Data
Source=(database)</param>
</formsDataProvider>
-->
<!-- SQLite -->
<!--
<formsDataProvider
type="Sitecore.Forms.Data.DataProviders.SQLite.SQLiteWFMDDataProvider,Sitecore.Forms.Co
re">
  <param desc="connection string">Data
Source=/data/sitecore_webforms.db;version=3;BinaryGUID=true</param>
</formsDataProvider>
-->
```

- The `<wffmContextDatabase>` node was removed.

```
<wffmContextDatabase type="Sitecore.Forms.Core.Wrappers.WrappedDatabase,
Sitecore.Forms.Core" singleInstance="true">
</wffmContextDatabase>
```

- The `<wffmMasterDatabase>` node was removed.

```
<wffmMasterDatabase type="Sitecore.Forms.Core.Wrappers.WrappedDatabase,
Sitecore.Forms.Core" singleInstance="true">
  <databaseName
ref="settings/setting[@name='WFM.MasterDatabase']/@value"></databaseName>
</wffmMasterDatabase>
```

- The following nodes were removed:

```
<!-- Sets whether Theme and Color is used from parent folder item -->
<setting name="WFM.UseThemeFromParent" value="false" />
<!-- Sets whether the form reports is opened as a modal dialog -->
<setting name="WFM.OpenFormDataViewerAsModalDialog" value="false" />
<!-- Most popular applications count-->
<setting name="WFM.MostPopularApplicantCount" value="3" />
<!-- Insert ids to analytics -->
<setting name="WFM.InsertIdToAnalytics" value="false" />
```