



Infopark CMS Fiona



## **Fiona 6.7.3 Release Notes**

Infopark CMS Fiona

## **Fiona 6.7.3 Release Notes**

While every precaution has been taken in the preparation of all our technical documents, we make no expressed or implied warranty of any kind and assume no responsibility for errors or omissions. No liability is assumed for incidental or consequential damages in connection with or arising out of the use of the information or programs contained herein. All trademarks and copyrights referred to in this document are the property of their respective owners. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form, or by any means, electronic, mechanical, photocopying, recording, or otherwise, without our prior consent.

**Contents**

**1 New and Changed Features ..... 5**

**2 Fixed Bugs ..... 8**

**3 Removed or Deprecated Features ..... 11**

**4 Important Notes on Upgrading ..... 12**

**5 Known Bugs ..... 15**



# 1

## 1 New and Changed Features

### CMS

#### Authentication Cache Can Be Deactivated

The authentication cache in the Content Manager (CM) reduces the number of authentication requests sent to the user manager. Due to the master-slave architecture of the CM, if an external user manager is used (an LDAP server, for example), the authentication cache might cause a password change to not be recognized immediately because slaves are not notified of the change.

To take account of this, the authentication cache of the CM can now be switched off. To do this, set the `cacheAuthentication` option in the `config/tuning.xml` configuration file to `false`:

```
<userManProxy>
  <cacheAuthentication>false</cacheAuthentication>
</userManProxy>
```

Afterwards, restart the CM.

#### Rails Connector for CMS Fiona

##### Generating forms for OMC activities

In Rails applications you can now have [forms generated that are derived from activity types in the OMC](#). The form fields generated suit the fields of the respective activity type. When such a form is submitted, a corresponding activity including the filled-in fields can be created in the OMC.

##### Performance Optimization

The performance of the Rails Connector has been optimized. As a result, less CPU load is caused, and fewer database requests are issued.

##### Dedicated Controllers for File Formats

In Rails applications that include the Rails Connector, controllers can be defined that apply only to specific file formats in the CMS. Up to now, all requests were directed to the `CmsController`. Now, by means of [dedicated controllers for file formats](#), Rails applications can be better structured.

##### Default `Obj#sorted_toclist` Sorting

If no sort order has been specified for a folder in the CMS, `Obj#sorted_toclist` now sorts the CMS files by name in ascending order.

### URL Options for `cms_path` and `cms_url`

If `cms_path` or `cms_url` is used to generate a URL for a page, additional GET parameters can now be specified by means of the second argument.

### File Size Can Be Determined with `Obj#body_length`

In the Rails Connector, the size of a CMS file can now be determined using the `body_length` method. This makes it possible, for example, to specify the size of a downloadable file on web pages.

### No Automatically Generated Classes for File Formats of Objects

The Rails Connector automatically assigns to a CMS file the Ruby class whose name corresponds to the name of the file's format. Previously, up to and including version 6.7.2, if no Ruby class matching the file format existed in the Rails application, a Ruby class was generated automatically during runtime.

Some users of the Rails Connector criticized this behavior because it prevented them from getting full control of the number of classes and, especially, of the moment they were created in their application. This increased the chances of making programming errors.

Therefore, this behavior of the Rails Connectors has been modified: If no matching class exists for a file format, always the base class, `Obj`, is assigned to the file. Classes are no longer generated automatically at runtime.

Independently of this, [page types can be extended](#) by creating a class whose name equals the name of the file format. The name of an object's file format should be determined using the `obj_class` field:

```
@obj.obj_class == "PressRelease"
```

### Adaptable Error Pages in Rails Applications

The error pages displayed for the HTTP status codes 403 and 410 can now be individually adapted via the controller. For further information please refer to the [Rails Connector documentation](#) and the RDoc documentation for the `CmsAccessible` module, which is part of the Rails Connector.

### Extended Access to the Logged-in OMC Contact Person

The logged-in contact person, accessible from within views and controllers by means of the `current_user` method, can now be set and reloaded. For further information, please refer to the RDoc documentation for the `OMC::AuthenticationSupport` module, which is part of the Rails Connector.

### Generating a Table of Contents from a CMS Folder

Infopark Rails Connector now offers a convenient way to generate a table of contents from the CMS files contained in a CMS folder. The `TableOfContentsHelper` available for this purpose takes the live access permissions of the individual subfiles as well as their sorting into account.

For further details please refer to the RDoc documentation for the `TableOfContentsHelper` module.

## Infopark Portal Manager

### Some Portlets Can Use the Same Templates

Portlets making use of dialogs based on the `InstanceDialog` class (e.g. the Gallery or the Voting portlet) can now be configured by means of the `useCommonTemplates` initialization parameter to

use unspecific templates instead of instance-specific templates. Unspecific templates are located, for example, in `WEB-INF/templates/voting` instead of `WEB-INF/templates/voting/InstanceName`.

## 2

## 2 Fixed Bugs

### CMS Functionality

- When a user creates CMS files, the read and write permissions for these files are no longer granted to the user's standard group if the user already has a more powerful permission (administration permission). (ID 10678)
- With some web browsers, the [file selection field](#) in a wizard returned an absolute path instead of a file name after the file has been uploaded. Now, the selection field always returns the name of the uploaded file only. (ID 11441)
- Database deadlocks no longer occur with CMS Fiona and Microsoft SQL Server. (ID 11620)
- Archived versions of files can contain links to other files, the link destinations. If such a link destination is deleted, the `lastChanged` value of the archived versions containing the links to the deleted file is no longer updated. (ID 11871)
- During `obj touchAll` and `incrExport reset`, symbolic links in the file system are now handled properly. (ID 11804)
- With the option to have titles displayed instead of names, users and user groups can now be selected without misleading error messages being displayed. (ID 11970)
- During migration, symbolic links in the file system are now handled properly. (ID 12254)
- Some data formatting bugs in the GUI have been fixed. (ID 12380)
- The `tuning.master.app.maxSlaves` configuration setting was sometimes misinterpreted if its value was small, which prevented normal slave processes from starting up. (ID 12483)
- Wizards that use file selection dialogs together with an image preview no longer cause a severe error. (ID 12613)
- Editing content sometimes caused unnecessary writing to the database, straining the system. (ID 12640)
- Sometimes, when the CMS was waiting for events, the use of system resources increased. (ID 12731)
- ASP (Active Server Pages) delivered by means of the dynamic preview via an IIS server can now be previewed again. (ID 12739)
- In the source view of the GUI, @ references are now again displayed properly in all cases. (ID 12748)
- Several operations, especially mass operations, now use significantly less main memory. (ID 12755)
- It is now possible to [deactivate the authentication cache of the Content Manager \(CM\)](#). (ID 12769)
- With the LDAP user manager, connections sometimes could not be reinitialized properly. (ID 12777)
- The CM no longer empties the `script` directory when started for the first time. (ID 12800)
- The HTML editor no longer produces errors due to unsigned code fragments. (ID 12809)
- Tcl scripts no longer potentially block data restoration processes. (ID 12825)



- Date fields in wizards no longer cause crashes when used together with sub-dialogs or back/next navigation. (ID 12830)
- When a mirror file containing a [dynamic link](#) is exported, and if a formatter is applied to the dynamic link, then the ID of the mirror file instead of the original file is now passed to the formatter. (ID 12832)
- Custom commands now work reliably also under Windows. (ID 12861)
- If custom commands are executed several times in parallel, their output is no longer mixed up. (ID 12861)
- In the TinyMCE editor, when embedded into a wizard, images are now also displayed if the `img` tag is written in capital letters. (ID 12881)
- The error that caused the LDAP user manager to fetch data using a wrong bind DN has been fixed. (ID 12882)
- Due to a race condition, the Template Engine sometimes delivered obsolete data. (ID 12888)
- Files that act as the destinations of a large number of links, which are contained in archived versions, can now be deleted. (ID 12961)
- Inconsistent links, created, for example, by inadmissible write actions in callbacks, no longer block the release of new versions of the file concerned. (ID 12962)
- Due to a bug in a third-party library, some POST parameters were not passed to wizards. (ID 12964)
- Large content, e.g. archives or videos, is now written faster to MySQL databases. (ID 13033)
- The values of (multiple) selection fields of users maintained with the internal user manager can now be deleted again. (ID 13119)
- In the HTML editor, the dialogs for inserting links or images now also work in Mac OS X. (ID 13137)
- In wizards, the values of multiple-selection fields are no longer discarded after clicking [non-validating Buttons](#). (ID 13256)
- If the value of the `tuning.master.te.minIdleSlaves` system configuration entry is less than one, it will now be ignored. Instead, one is used in order to not impede the export process. (ID 13267)
- The icons in the icon bar of the GUI are no longer shifted when using the *Safari* web browser. (ID 13290)
- In the GUI, searching for *state is of ...* or *type is of ...* returned no results. (ID 13291)
- File upload fields in wizards now also display errors set by the wizard by means of the `error` attribute. (ID 13311)
- The exceptions in which passwords were written to the log file no longer exist. (ID 13317)
- The `objWherePath Tcl` procedure now always returns the complete search results list. The limitation specified in the `tuning.maxSearchResultSizesystem` configuration entry no longer applies. (ID 13318)
- In the GUI, after searching for *state is of...* or *type is of ...*, the selected search parameters remain intact. (ID 13320)
- If an HTML tag contains a processing instruction as well as a link, and the latter is processed by the link callback, the processing instruction now remains intact. (ID 13321)
- In rare cases, database errors that occurred during transaction initialization caused crashes. (No ID)

## Rails Connector for CMS Fiona

- The `Obj#valid_from`, `Obj#valid_until`, and `Obj#last_changes` methods now return unique values of the `Time` class. (ID 12592)

- The edit markers of the Rails Connector are now properly positioned even if the preview page includes large images that are loaded slowly. (ID 12641)
- The combination of deactivated objects, `NamedLinks` and `Obj.hhomepage` no longer causes an error. (ID 12956)

## Portal Manager

- In JSPs, portlets can now again interact with each other. (ID 11461)
- The flow portlet failed to read the e-mail template if the latter was addressed using a relative path. (ID 11738)
- If more than one voting was created for the voting portlet, only the first one accepted votes. (ID 11739)
- Sometimes, the voting portlet failed to properly display the voting results. (ID 11740)
- Sometimes, it was not possible to vote using the voting portlet. (ID 11744)
- Sometimes, parallel access to a JSP caused the Portal Manager to deliver this page without content, i.e. an empty page. (ID 11859)
- After every second export, the Portal Manager delivered obsolete data if the data were fetched directly from the export directory of the Template Engine. (ID 12665)

# 3

## 3 Removed or Deprecated Features

### **npsFileUpload Tag for Wizards Removed**

The `npsFileUpload` tag for wizards, which is [deprecatd since Fiona 6.6.0](#), was removed. Please use the [npsField tag](#) instead.

### **MS Editor no Longer Supported from the Next Release**

From the next Release of Infopark CMS Fiona, Microsoft HTML Editor will no longer be supported.

# 4

## 4 Important Notes on Upgrading

### Changed System Requirements

With Infopark CMS Fiona 6.7.3, the officially supported Linux platform is Suse Linux Enterprise (SLES) 11 SP 1. For further information regarding the system requirements please refer to the corresponding [installation documentation](#).

### Rails Connector for Infopark CMS Fiona

#### Changeover to Rails 3

From version 6.7.3, Infopark Rails Connector for CMS Fiona is based on Rails 3. Existing Rails applications making use of the Rails Connector need to be updated to Rails 3 to make them compatible with Rails Connector 6.7.3. For information about Rails 3 and about upgrading Rails applications from Rails 2 to Rails 3, please refer to the [Rails 3 release notes](#).

After a Rails 2 application has been updated to Rails 3, [Infopark Rails Connector can be upgraded to version 6.7.3](#).

#### Changed XSendFile activation

Due to the changeover to Rails 3, the Rails Connector configuration setting

```
RailsConnector::Configuration.use_x_sendfile
```

no longer exists. Instead, XSendFile can now be activated directly in Rails 3. With Apache webserver, for example, XSendFile is activated as follows:

```
# environment.rb
config.action_dispatch.x_sendfile_header = "X-Sendfile"
```

Rails 3 automatically activates the use of XSendFile for the `production` environment (and only this one) of new Rails 3 applications. When updating a Rails 2 application to Rails 3, all environments should be verified with respect to the desired XSendFile setting.

#### Rails Connector and its addons merged

Up to version 6.7.2, the Rails Connector and the Rails Connector Addons were delivered as two separate gems. From version 6.7.3, there is only one gem that includes all the available functionality (except the OMC Connector).

#### Changed parameters in the search module

The method `find_with_ses` (module `RailsConnector::SES::Obj::ClassMethods`) now issues a `SearchRequest` internally. The meaning of the parameters change accordingly.

### Changed usage of the `form_for` helper

The `form_for` helper generates forms for contact persons stored in the Online Marketing Cockpit. If a form includes account or location fields, please replace the helper call as shown below. Otherwise, the account and location fields will not be saved.

```
# Previous calling scheme of the helper
form_for :user do |f| ...

# New calling scheme of the helper
form_for @user, :as => :user do |f| ...
```

### Error pages no longer displayed via the layout

The error pages displayed for the HTTP status codes 403 and 410 are no longer displayed via the layout but, as a default, via the controller. For existing error pages to be displayed correctly, the controller concerned needs to be adapted. For further information please refer to the [Rails Connector documentation](#) and the RDoc documentation for the `CmsAccessible` module, which is part of the Rails Connector.

### Selecting the controller in Rails applications using the Rails Connector for Fiona

From version 6.7.3, [dedicated controllers for specific CMS file formats](#) can be defined. Please note that, when generating internal URLs, the Controller should not be specified directly in the code since the format of the referenced file might change. Instead, please use the `cms_path` and `cms_url` methods provided by the Rails Connector. This mainly applies to calls to the `url_for`, `redirect_to`, and `link_to` Rails methods. An example:

```
# This code might not work as desired:
redirect_to :controller => "cms", :id => @target_obj.id

# This code will work as expected:
redirect_to cms_path(@target_obj)
```

### Changed configuration setting for RSS folder

The Rails Connector's configuration setting for the folder whose files become RSS entries has been changed. Instead of specifying the folder directly, a lambda needs to be given now. Example:

```
# [previously]
RailsConnector::Configuration::Rss.root = NamedLink.get("rss")

# [now]
RailsConnector::Configuration::Rss.root = lambda { NamedLink.get("rss") }
```

### adaptable date/time formats

Infopark Rails Connector now uses the date/time formats defined in the Rails application for displaying the values of date/time fields of CMS files. These formats can be adapted as desired.

### Bundler for resolving gem dependencies

The Playland sample application now uses [Bundler](#) for gem version management. Bundler resolves gem dependencies already during development. It ensures that the Rails application uses the required

versions, even if other versions of the same gems are installed. We recommend to use Bundler in new projects.

## **General Notes**

### **Changed configuration directive in mod\_xsendfile**

Please note that when using the Apache HTTP Server module mod\_xsendfile, the configuration directive `XSendFileAllowAbove` was replaced with `XSendFilePath` as of version 0.10.

# 5

## 5 Known Bugs

- If the path of a portlet web application is contained in the path of another one, (as with `/default/PM-PL` and `/default/PM-PL-Copy`, for example), the portlets of both web applications are no longer displayed. (Id: 10531)
- Searching for files using `obj` where condition `{objClasses is objType}` does not yield mirror files to whose original file the specified file format has been assigned. (Id: 10553)
- If a CMS file which opens another file in an `iframe` is displayed in the preview, the file opened in the `iframe` shows up in the history as well. (Id: 10758)
- The attempt to delete a mirror folder that is no link target but contains implicit mirror files that are linked causes a wrong error message to be displayed. This message erroneously reports that the mirror folder cannot be deleted because it is a link target. (Id: 11396)
- [Wizards](#) have a `selectionType` property that indicates the range of CMS files to which the wizard can be applied (`none`, `single`, `list`). If a wizard whose `selectionType` is `none` is called via an `npsgui` element that has been integrated into a page to provide an editing element (action marker) then the CMS file ID of the respective page is always passed to the wizard procedure, ignoring the `none` setting. Thus, if the same wizard can be called via the menu or toolbar, a different number of arguments is passed to the wizard procedure, depending on how it is evoked. As a workaround, set the `selectionType` of the wizard to `single` or modify the wizard procedure so that it handles its second argument, which depends on the `selectionType`, correctly. (Id: 11842)
- With [Microsoft HTML Editor](#), links and images cannot be inserted into the HTML text. Also, existing links and images cannot be modified. (Id: 11935)