Infopark CMS Fiona

Fiona 6.7.2 Release Notes

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1 New and Changed Features

Configurable LinkChecker Timeout for URL Requests

For the LinkChecker, a timeout can now be configured. This timeout specifies the maximum amount of time each request may take. The system configuration parameter responsible for this is `content.linkChecker.timeout`. Its value is interpreted as a number of seconds.

Wizards Are Loaded in Alphabetical Order

The Tcl script `share/script/cm/serverCmds/wizards.tcl` now loads the wizards of the Fiona instance, located in `instance/script/serverCmds/wizards`, in alphabetical order. This makes it possible, by naming the files accordingly, to ensure that wizard libraries are loaded prior to the wizards themselves.

Link Lists with a Predifined Number of Links Can Be Empty

Empty link lists for which a minimum number of links has been set no longer cause an error. This behavior was added because link lists are mostly only required to contain the given number of links if they do contain links at all. To force a link list to contain links, make the field mandatory in the file format.

Tcl Command obj…getHierarchy without Limitations in Size

The Tcl command `obj objRef getHierarchy` is now able to return its result unlimited in size. For this, `-1` can be specified as the value of the `maxDepth` and `maxLines` parameters.

Time Values in Log Files Include Microseconds

In the log files of the CM, TE, and SES, time stamps now include the microseconds. Example: `2009-09-25 16:41:12.765532`.

New Callback Function: importCallback

If the Template Engine is used, the new `importCallback` function can be utilized to react to the changes that were made to the CMS files. The callback is executed after the import phase.

Rails Project Can Be Easily Adapted to Local Development Environment

To the Rails Connector for Infopark CMS Fiona a new configuration feature was added which offers a straightforward way to adapt a Rails application to the local development environment.

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2 Fixed Bugs

2.1 CMS Functionality

- The modifyPermissions command can now also be applied to mirror files. (ID 11145)

- When editing link titles from within the HTML editor (EOP), UTF-8 characters are no longer encoded twice. (ID 11315)

- The input fields for file uploads in wizard dialogs can now be preset. If, for example, such a dialog page, which contains a field like this, is redisplayed because of an error, the path is still present, and no new upload is required. (ID 11404)

- Error messages caused by incomplete built-in fields (such as title) are now displayed properly. (ID 11765)

- When link list fields are validated they now behave like other fields do (ID 11863):

  - If errors occur during validation, it is no longer possible to release the file.
  - If a minimum size has been defined for a link list, it may still be left empty unless it was marked as mandatory in the file format.

- During the incremental export, when importing changes (update records), the delays caused by MySQL databases have been worked around. (ID 11897)

- The Tcl command objWherePath now also works with the paths of mirror files. (ID 11899)

- Using Internet Explorer for displaying the preview no longer causes Javascript errors in conjunction with dynamically positioned editing elements (edit markers). (ID 12367)

- Reminders are now queried much faster, particularly if no or very few reminders exist. For MySQL databases, speed is approximately as high as with other databases. (ID 12480)

- If a wizard user clicks the back button – or any other button not causing the entered form data to be validated – the data is no longer thrown away. (ID 12527)

- The systemSendReminderNotifications system job is now executed much faster, in particular if many CMS users but only a few reminders exist. (ID 12562)

2.2 System Functionality

- In layout files, the export prefix can now also be used with compound names if the export variable is a context list that contains exactly one element. Example:

```
<npsobj insertvalue="var" name="export.myVar.title" />
```

  (ID 11776)

- The migration process is no longer terminated if the `contentMenu.xml` configuraton file is missing or elements have been deleted from it. (ID 11855)

- Non UTF characters originating from external applications or libraries (such as the database client) no longer cause the Tcl client to loose the connection. (ID 11901)

- If thumbnail creation causes an error while a dump is restored, the restoration process is not terminated anymore. (ID 12365)

- In HTML tags, attributes without values can now again be used together with attributes whose values contain @ reference. (ID 12384)

- Error messages caused by subprocesses that terminated with an error now include additional information about the subprocess concerned. (ID 12385)

- Faulty formatters for search result fields no longer cause the SES to crash. (ID 12388)

- When exporting mirror files, the Template Engine now selects the correct layout again. (ID 12408)

- In conjunction with the processing of faulty documents (such as MS Word files), the fault tolerance and stability of the SES has been improved. (ID 12439)

- The CMS now compensates for errors caused by connections dropped by the LDAP or ADS server.

2.3 Rails Connector for CMS Fiona

- The Rails Connector now delivers the titles of links unless they are empty. (ID 12354)

- When rendering a sorted table of contents by means of `Obj#sorted_toclist`, the Rails Connector now uses the sort order defined in the CMS. (ID 12370)

- The API documentation (RDoc) that comes with the two Rails Connector gems (`infopark\_rails \_connector` and `infopark\_rails\_connector\_addons`) now includes information about the Rails Connector's Controllers, Models, and Helpers. (ID 12381)

- A customized `SearchController` that inherits from the `DefaultSearchController` will now use the global search configuration (`Configuration.search_options`). (ID 12557)

- The error that caused the message "A copy of … has been removed from the module tree but is still active!" to be displayed (under certain conditions) when using the Rails' development environment has been fixed. (ID 12595)

2.4 Portal Manager

- LDAP-based directores now also work with users and groups whose DN contains a slash character. (ID 10863)

- A syntax error in the `image.vm` Velocity template of the Gallery Portlet was removed. (ID 11716)

- The amount of memory used for logging portlet calls has been reduced. To achieve this, the visibility of threads in the logs had to be given up. (ID 11727)

- The e-mail address validator now also accepts domain names that start with a digit. (ID 12387)

- The macros contained in the `macros.vm` file of the portlet web application (PM-PL) are now protected against XSS attacks. A second version of the `renderValue` macro, renderHtmlEscapedValue, which translates HTML-specific characters (such as the angle brackets) into character entities, has been provided.

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3 Important Notes on Upgrading

3.1 Paths of Form Portlet Email Templates

The configuration properties `template` and `confirmationTemplate` set in the `flow.xml` definition file may need adjustments: A path is now either relative to the directory containing the `flow.xml` file as in

```
<param name="template">email.vm</param>
```

or, if an absolute path is specified, relative to the template directory as in

```
<param name="template">/flow/example/email.vm</param>
```

3.2 File Upload in Wizards

The syntax of the Tcl function `::layout::fileField` was altered. Wizards in which this function is used for creating file upload fields, need to be adapted to the new syntax.

For example, the call in the Archive Import Wizard,

```
::layout::fileField archive "" …
```

has become

```
::layout::fileField archive "" [getParam archive.fileName] [getParam archive.ticketId] …
```

3.3 Size Limitation for Link Lists

Please note that linklist fields with a minimum size (`minSize`) not equal to 0 may now be empty if the field is not mandatory.

If you use such a limitation and do not wish to allow for empty lists, please mark the lists as mandatory in the corresponding file formats.

3.4 Rails Connector Uses New Javascript Library

The Rails Connector's edit markers and addons used to be based on the Prototype library. Starting with version 6.7.2, the Rails Connector now uses the jQuery library. Therefore, the Rails Connector now requires the `jrail` gem (see also Installation Requirements).

Existing Rails applications should activate the `jrails` integration after installing the gem using this command:

```
jrails install
```

3.5 Updated Gem Dependencies for the Rails Connector

The latest Rails Connector has some updated gem dependencies. It now depends on Rails 2.3.5, for example. For details, please refer to the Installation Requirements.

3.6 Name Shortcut for Rails Connector News Removed

When using the Rails Connector, the `News` class can no longer be referenced without a namespace. This shortcut was removed to avoid name conflicts. Instead, the class must now be referenced using its fully qualified name (`RailsConnector::News`).

3.7 Rails Connector and Mac OS X

Developers who wish to use a Mac as their development platform for applications based on the Rails Connector 6.7.2 now require Mac OS X 10.6 (Snow Leopard).

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4 Operating Software no Longer Supported

For its customers, Infopark wants to further improve the quality of its products and support services. For this reason, we will focus our development efforts on compatibility with those operating and database systems most of our customers use.

From January 1st, 2010, Infopark no longer supports the Sun Sparc Solaris platform as well as the Sybase database system. Customers who use Infopark CMS Fiona, version 6.0.0 through 6.7.2, together with this operating software will, of course, receive support as put down in their software maintenance contracts.

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5 Known Bugs

- If the path of a portlet web applikation 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 mesage erroneously reports that the mirror folder cannot be deleted because it is a link target. (Id: 11396)

- When editing links by means of the link editing dialog of the GUI opened from within the HTML Editor (EOP), special characters in the link titles such as umlauts are encoded incorrectly. (Id: 11315)

- [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)