



Alkacon OAMP Photoalbum Module

Version 2.0.0

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1 Abstract

This document describes the installation, configuration and usage of the Alkacon OpenCms Add-On Module Package Photoalbum Version 2.0.0. With the OAMP Photoalbum module you can add an image gallery to your website by drag & drop.

Based on an existing OpenCms image gallery, it is possible to create a nice looking frontend view using Ajax.

2 General purpose of the Alkacon OAMP Photoalbum Module

The module extends a basic OpenCms 8 installation with the capability to create highly configurable Image Galleries. It provides the following features:

- A new resource type "Alkacon Photoalbum" allows creating a new photo album on your website by drag & drop.
- The Alkacon Photoalbum is similar to the built-in OpenCms Image Album, but with a modern look & feel through usage of Web 2.0 HTML technologies.

3 Installation

Note: To use the Alkacon OAMP Photoalbum Module version 2.0.0, you need OpenCms version 8.0.1 or later. The module is not compatible with older OpenCms versions.

Note: The Alkacon OAMP Photoalbum Module requires the **OAMP V8 Commons Module** to be installed. Install the module zip file `com.alkacon.opencms.v8.commons.1.x.zip` from the distribution first.

Step by step installation procedure:

1. Go to the OpenCms Administration view
2. Click "Module Management" and select either "Import Module from Server" if the module was placed in the WEB-INF/packages/modules/ folder of your OpenCms installation, or select "Import Module with HTTP" to upload the module from your local file system
3. Select the Alkacon OAMP Photoalbum module zip file `com.alkacon.opencms.v8.photoalbum_2.0.x.zip` to import
4. Restart your servlet container afterwards

Note: When using the Alkacon OAMP Photoalbum together with the module **v8-article**, it might occur, that the OAMP Photoalbum does not work correctly and freezes while trying to load an image in an AJAX window. A quick fix would be to edit the file

`/system/modules/com.alkacon.opencms.v8.photoalbum/schemas/photoalbum.xsd` and delete the following line:

```
<headinclude type="javascript" uri="/system/modules/com.alkacon.opencms.v8.common/resources/js/jquery.colorbox.js" />
```

4 Module usage

After successful installation of the OAMP Photoalbum Module, it is ready to use. New Photoalbum widgets can be added by Drag & Drop from the ADE toolbar.

4.1 Adding a new Alkacon Photoalbum to a page

To add a new Photoalbum to an existing page, click on the "Add Wizard" symbol in the ADE toolbar.

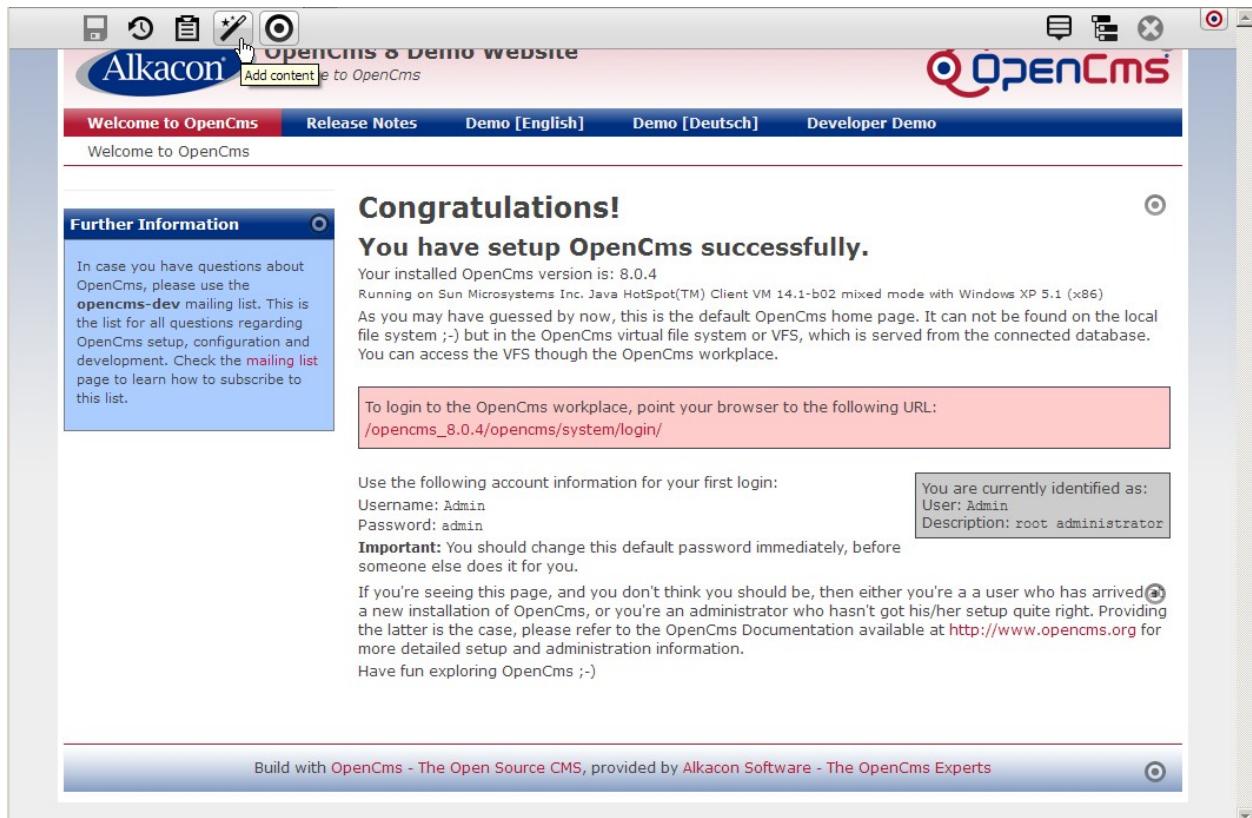


Figure 1: Open the "Add Wizard" in the ADE toolbar.

By default the new resource type Alkacon Photoalbum is available through the entire site and can be added to pages by Drag & Drop. Just click on the "Move to page" icon and keep the mousebutton pressed. Now you can move the new Photoalbum where you need it and release the mouse-button.

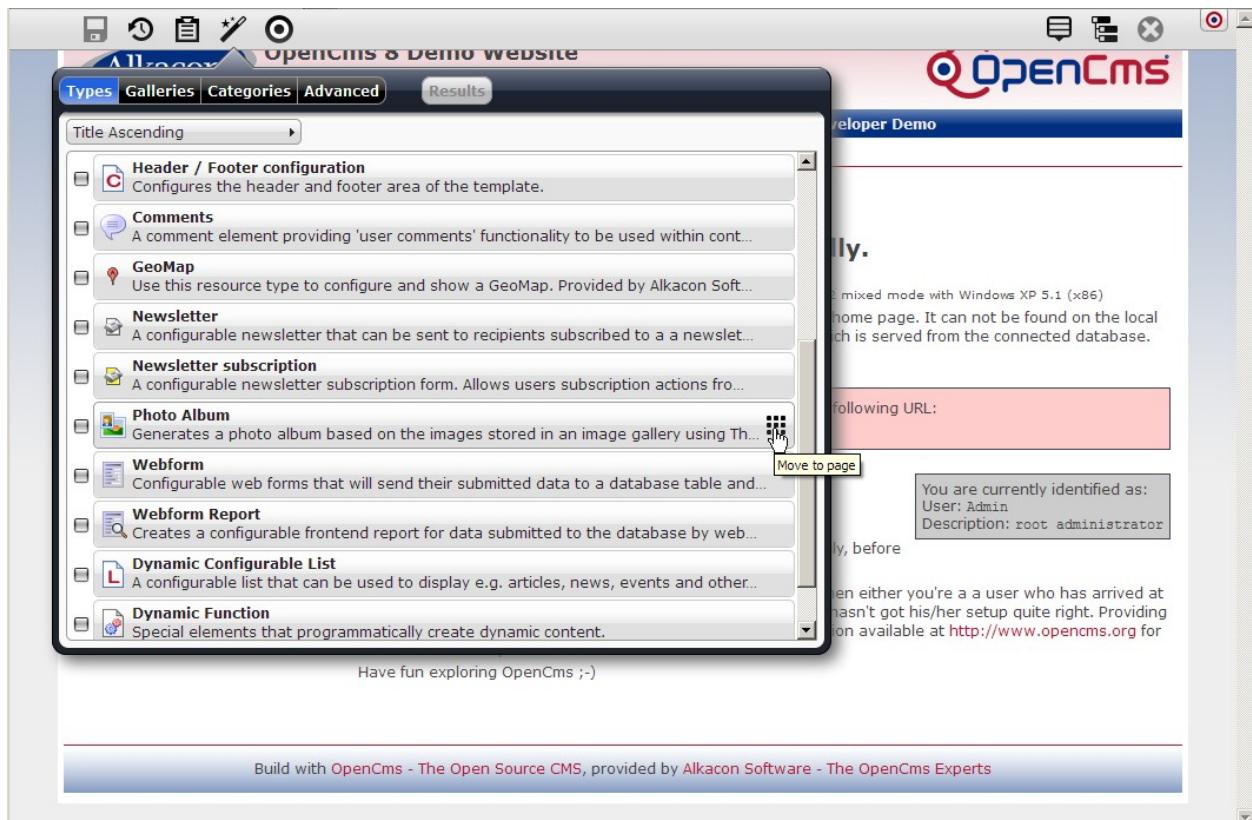


Figure 2: Drag a new Alkacon Photoalbum from the "Add Wizard".

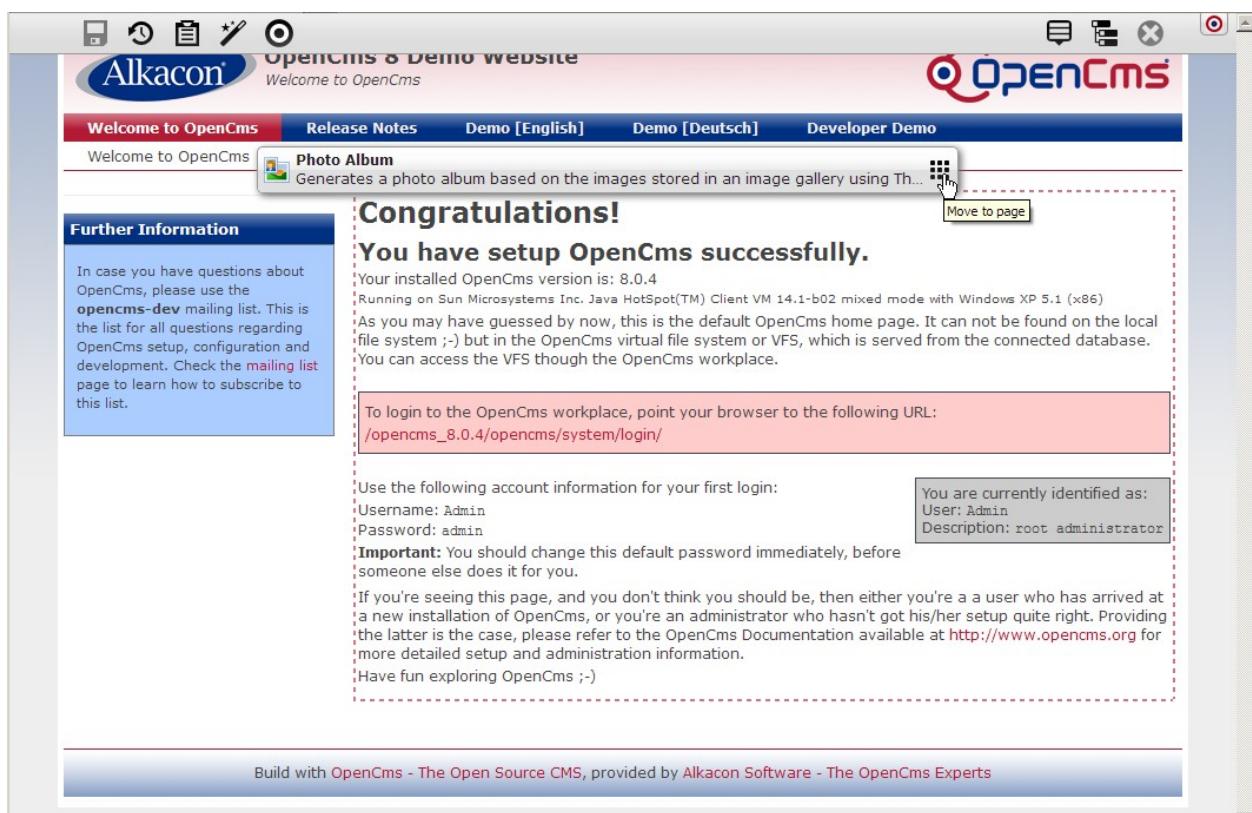


Figure 3: Dropping the new Alkacon Photoalbum to destination container.

4.2 Editing an Alkacon Photoalbum

To edit the newly created Alkacon Photoalbum click on the ADE icon in the upper right corner of the Photoalbum and select "Edit".

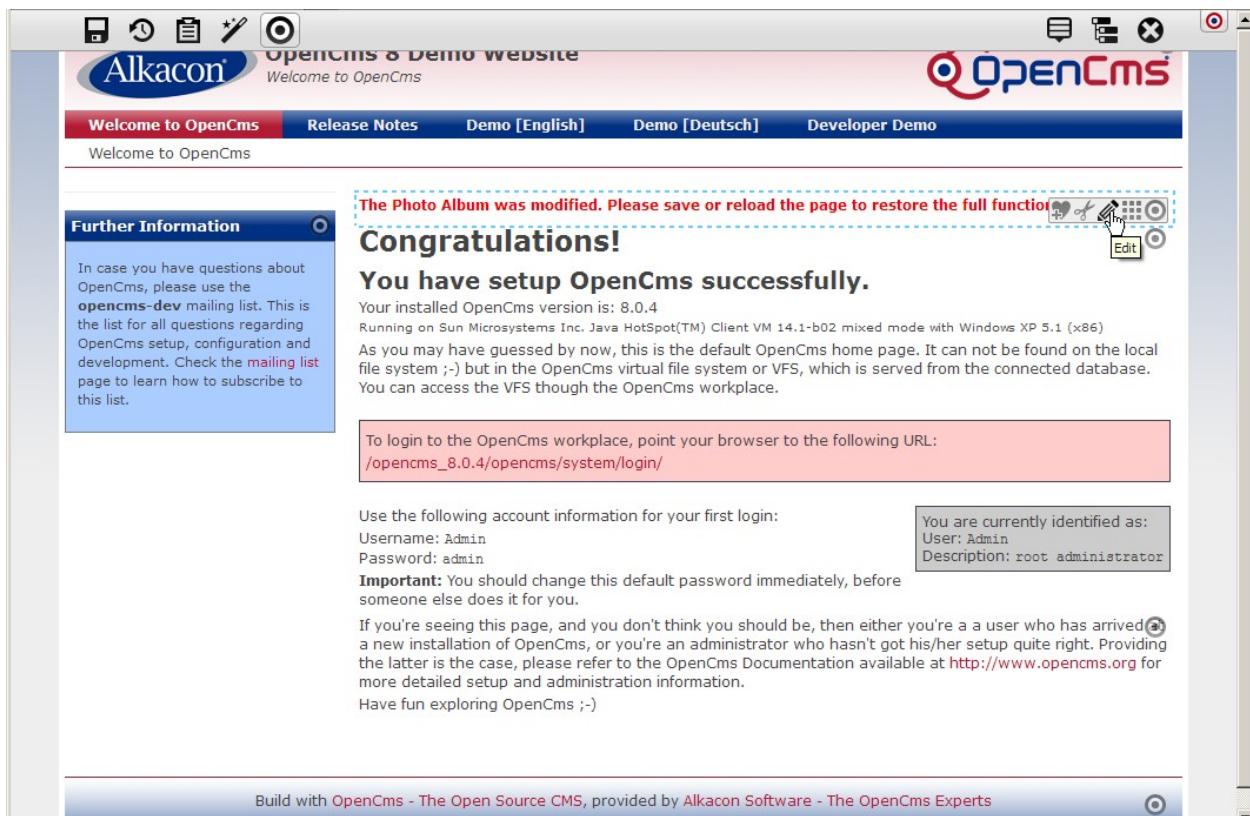


Figure 4: Open the ADE Editor.

The following fields are available for editing:

- **Title:** The photo gallery title that is shown as headline.
- **VFS gallery folder:** The absolute path to an OpenCms image gallery that is displayed.
- **Align photo navigation:** Alignment of the gallery navigation elements.
- **Navigation position:** The position of the navigation elements on the gallery pages.
- **Show navigation border:** Check to show borders of the navigation elements.
- **Show resource name as title:** Shows the resource name as photo title if the title property value is not found.
- **Maximum image size:** This is the maximum image size for the full view of the image.
- **Overview:** This nested box configures how your Photo Album will be displayed:
 - **Show title:** Show the title of the photos.
 - **Align title:** Alignment of the title below the photos.
 - **Images per page:** The number of displayed thumbnails on one page.
 - **High quality thumbnails:** If checked, the thumbnails are generated using high quality settings, this will result in a slower preview of the thumbnail page.
 - **Thumbnail size:** The maximum size of the displayed thumbnails.
 - **Filter effect:** The filter effect applied on the displayed thumbnails, e.g. shadows or grayscaled images.
 - **Background color:** The background color of the thumbnails. Should normally be set to the background color of your template.
 - **Top text:** Text shown above the thumbnail rows.
 - **Bottom text:** Text shown below the thumbnail rows.

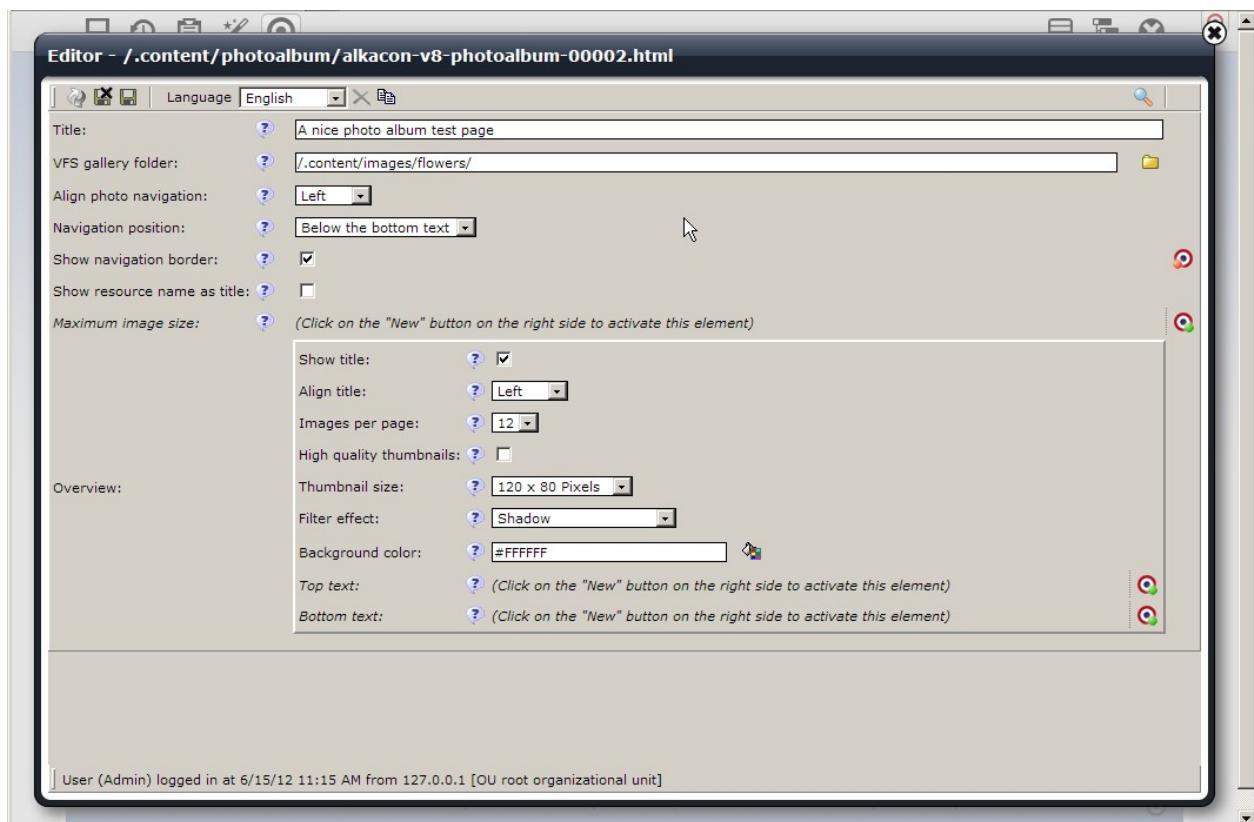


Figure 5: Alkacon OAMP Photoalbum in ADE Editor.

4.3 Adding an existing Alkacon Photoalbum to your page

You can also select an existing Alkacon Photoalbum from the "Add Wizard" by double-clicking the Resource type Alkacon Photoalbum or by checking the box left to it and clicking "Results". From the displayed results, select the Photoalbum you need and add it to your page by Drag & Drop.

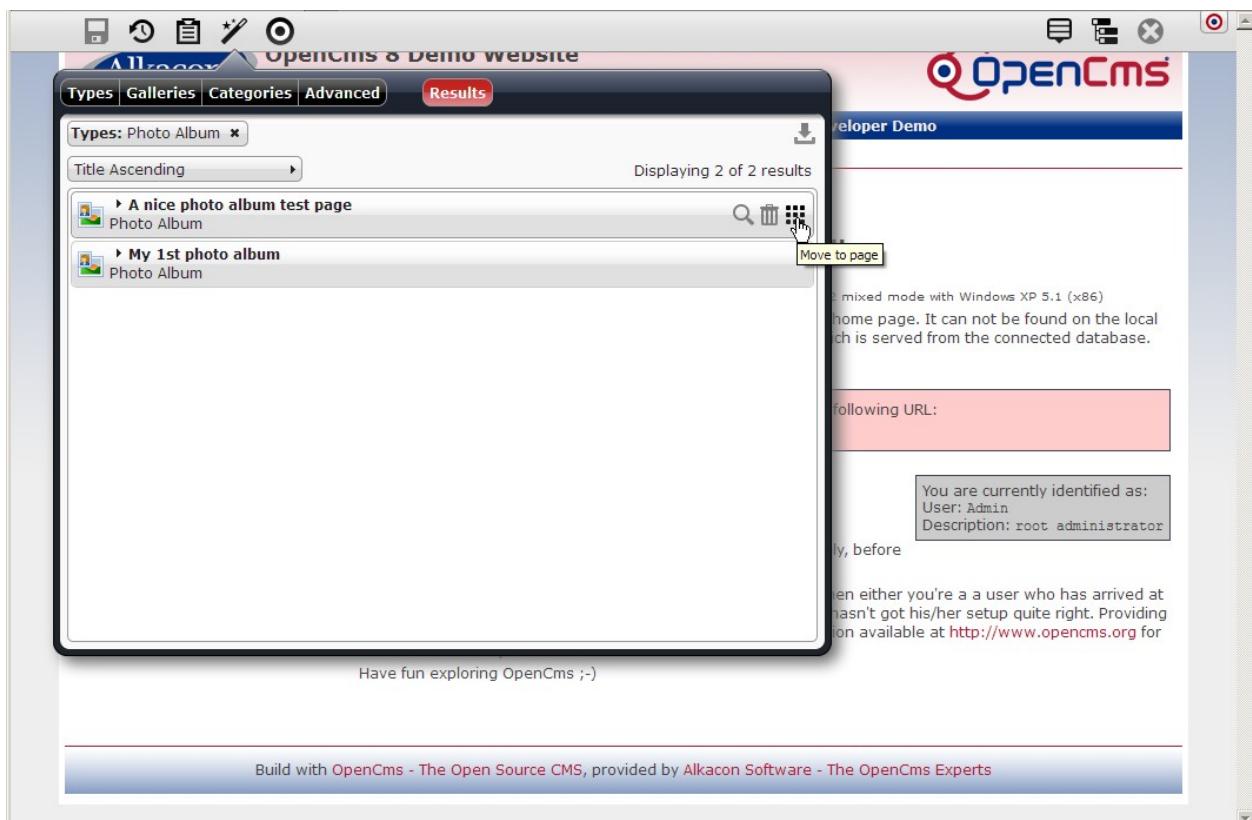
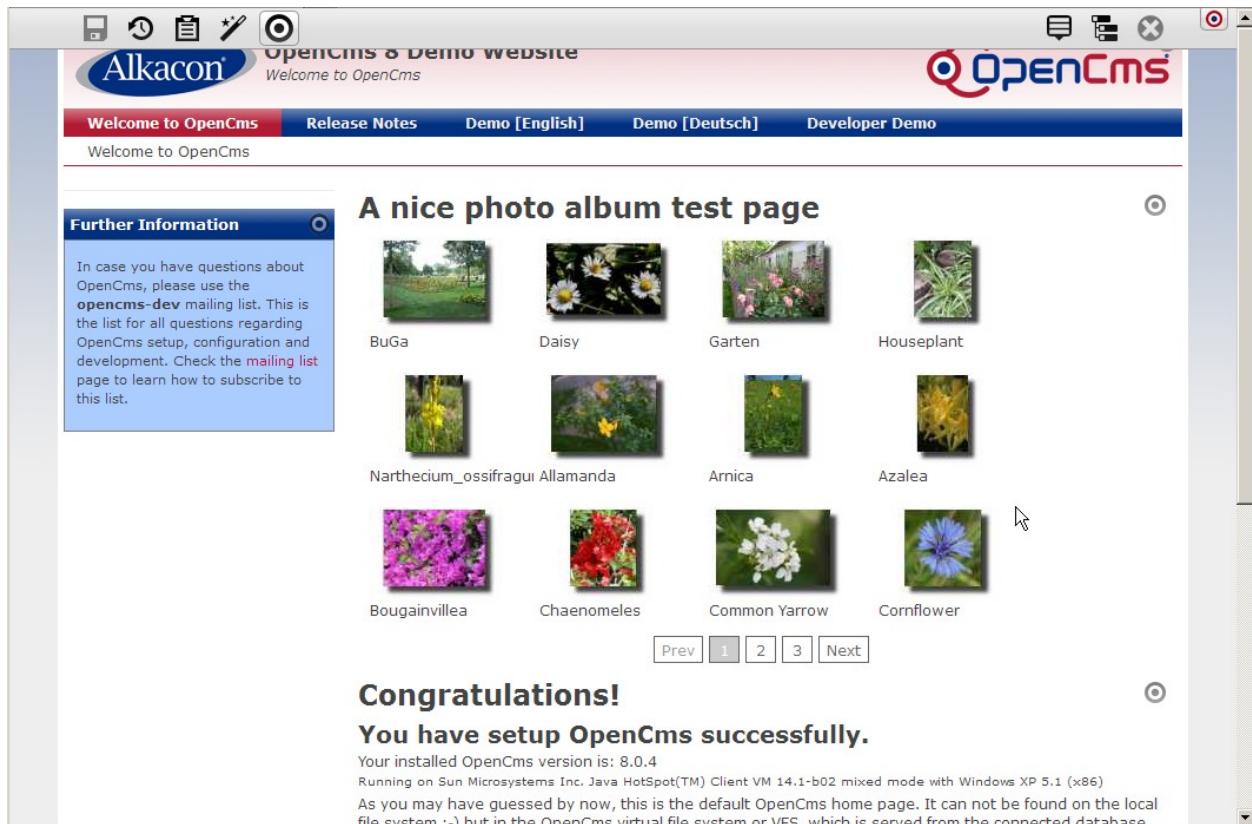


Figure 6: Drag & Drop of an existing Alkacon Photoalbum in ADE.

5 The Frontend View

After saving and reloading the page the Photoalbum should seamlessly integrate with your web page.



The screenshot shows a web browser window with the OpenCms demo website. The title bar says "OpenCms & Demo Website Welcome to OpenCms". The main content area has a header "A nice photo album test page". Below it is a grid of twelve small images with captions: Buga, Daisy, Garten, Houseplant, Narthecium_ossifragui, Allamanda, Arnica, Azalea, Bougainvillea, Chaenomeles, Common Yarrow, and Cornflower. At the bottom are navigation buttons: "Prev", "1", "2", "3", and "Next". Below the grid is a section titled "Congratulations!" with the message "You have setup OpenCms successfully." and system information: "Your installed OpenCms version is: 8.0.4", "Running on Sun Microsystems Inc. Java HotSpot(TM) Client VM 14.1-b02 mixed mode with Windows XP 5.1 (x86)", and "As you may have guessed by now, this is the default OpenCms home page. It can not be found on the local file system :-) but in the OpenCms virtual file system or VFS, which is served from the connected database."

Figure 7: Demo frontend view of the Alkacon OAMP Photoalbum, image overview.

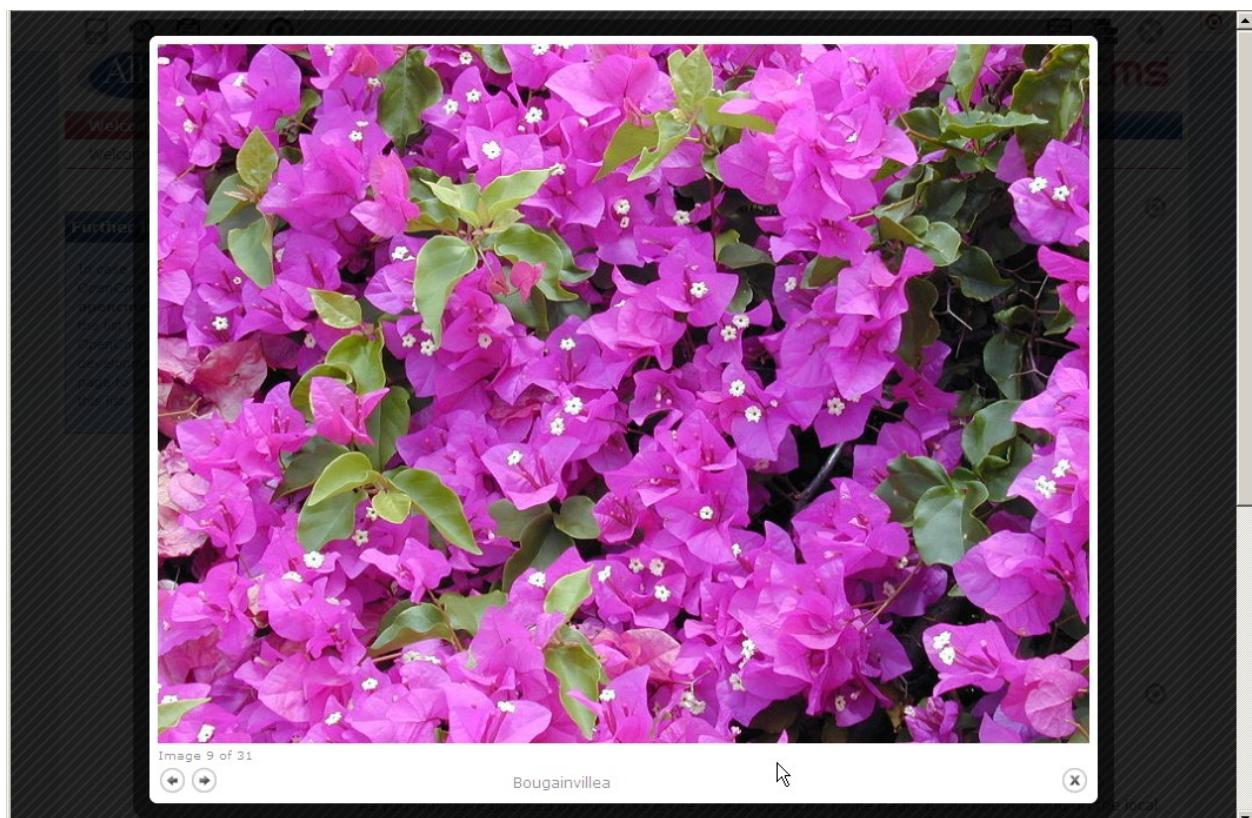


Figure 8: Demo frontend view of the Alkacon OAMP Photoalbum, image detail.

6 Implementation details

The package `com.alkacon.opencms.v8.photoalbum` contains the implementation of the Alkacon OAMP Photo Album Module. The following classes are used:

The `classes` folder contains the resource bundles used for localization. There are two resource bundles:

- `workplace`: for messages displayed in the workplace, mainly the xml content editor.
- `frontend`: for messages displayed in the frontend.

The `formatters` folder contains the formatter JSP.

The `elements` folder contains more JSP elements:

- `albumpage.jsp`: Renders the Photo Album overview page.

The `lib` folder contains the needed jar file with some few classes.

The `resources` folder contains the used style sheets and icons.

The `schemas` folder contains the `xsd` files defining the configuration xml.