Alkacon Software GmbH

Technote

Alkacon OAMP Webuser Registration Module

Version: 2.0

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2 Abstract

This document describes the installation, configuration and usage of the Alkacon OpenCms Add-On Module Package Webuser Registration. With the Webuser Registration module, it is possible to create highly configurable online user registration and profile edition forms without HTML knowledge.

Once created, configured and published, a Webuser Registration form may be filled out by website visitors. This data will be used to create a new OpenCms user that will be first activated when the user visits the activation page, after that the user will be able to log in to may be access restricted areas and edit his account information in a profile edition form.

Note: This module extends the Alkacon OAMP Webform Module, so please also read that module's documentation.

3 General purpose of the Alkacon OAMP Webuser Registration Module

The module extends a basic OpenCms installation with the capability to create highly configurable online webuser registration and profile edition forms. It provides the following features:

- Create online user registration and profile edition forms by mouse clicks and simple keyboard input. These forms are structured XML contents that offer a comfortable user interface.

- Complete configuration of a registration or profile edition form is done in one file.

- New users are not activated until they visit an activation page.

- New users are created in the context of a configurable organizational unit, and optional assigned to an user group.

4 Installation

Note: To use the Alkacon OAMP Webuser registration module, you need at least OpenCms version 7.0.3. The module is not compatible with older OpenCms versions.

Note: This module extends the Alkacon OAMP WebForm Module, so you have to install that module before continuing. Please have in mind that you need at least version 2.0, older versions will not work.

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 Webuser Registration module zip file `com.alkacon.opencms.v8.registration_2.x.zip` to import

4. Check if the jar file **com.alkacon.opencms.v8.registration.jar** has been deployed in the **WEB-INF/lib/** folder after installation

5. Restart your servlet container afterwards

5 Module usage

After successful installation of the Webuser registration module, it is ready to use. Webuser registration and profile edition forms can be set up by creating a new resource of the type "**Alkacon Webuser Registration Form**" and "**Alkacon Webuser Profile Edition Form**".

5.1 Creating an Alkacon Webuser Registration Form

To create a new Webuser Registration Form (or a new Webuser Profile Edition Form) the "new" dialog in OpenCms has to be used:

1. Click "New" in the Top Bar of the OpenCms Workplace.

2. In the following dialog click "Structured content" and then "Continue".

3. Then select "Alkacon Webuser Registration Form" (or "Alkacon Webuser Profile Edition Form") and "Continue".

4. In the following dialog enter the name of the new file and properties, like the template, if needed.

→ A new file of type "alkacon-registration" (or "alkacon-profile") will be created and be visible in the Explorer view.
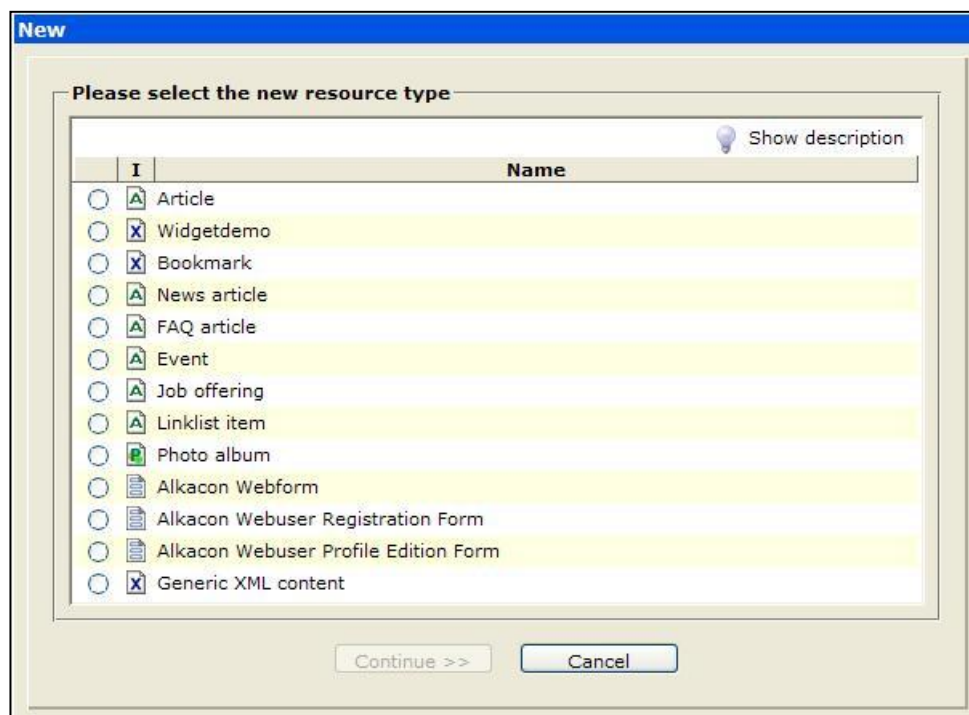

Figure 1: The 2nd stage of the new dialog to create an Alkacon Webuser Registration form.

5.2 Editing an Alkacon Webuser Registration form

Webuser Registration forms are edited by clicking their file symbol in the OpenCms explorer with the right mouse button and choose "edit" from the popup – menu.

The XML content editor for the Webuser Registration forms appears. One can add as many labelled fields as desired to collect data.

Figure 2: Alkacon OpenCms Webuser Registration form editor.

You will see that the structure of the form is very similar to the one for generic Webforms, some fields has been repositioned and renamed, other few added.

Note: You have to define at least the three *mandatory* fields for the login name (Type: Text Input), the email address (Type: Email field) and the password (Type: Password field).

For this we assign a form field to a property of an OpenCms user by setting in the field label after the real display label a pipe symbol ("|") followed by the name of a java property of the

`org.opencms.file.CmsUser` class, a quick list includes:

firstname, **lastname**, **email**, **description**, **address**, **zipcode**, **city**, **country**, **login** and **password**.

Additionally you can use the 'login' property which is actually no property, the real on is called 'name', but this includes the organizational unit name.

If no property is found with the given name, the field is stored in the user's additional information map. See more in the javadocs for the `org.opencms.file.CmsUser` class.

Additionally to all field types provided by the standard webforms module, there is a new password field type, for entering a password.

Figure 3: User creation options.

In the "User Creation Options" you have to define an organizational unit where the new created user will be created. You need to have the "Account Manager" role for this organizational unit.

Additionally you can optionally define a group to which the new created users will be assigned.

And at last you can define the login to be the email address so you do not need an additional field for it.

Be aware, as shown in figure 3, in the confirmation mail text that you can use all the field names as macros, and additionally you can use following macros:

- **date**: the current date

- **acturi**: the activation page link

5.3 Editing an Alkacon Webuser Profile Edition form

This form looks very similar to the "Alkacon Webuser Registration Form", some fields have been only renamed and others needed removed, like the "User Creation Options" and the "User Activation Text".

5.4 Important security issues

To ensure proper behaviour of your forms, be sure that all your Alkacon Webuser Registration Forms can ONLY be accessed by the Guest user; be also sure that all your Alkacon Webuser Profile Edition Forms can NOT be accessed by the Guest user.

6   The front end view

Once created one of these forms, it should seamlessly integrate with your web page.

Welcome to the OpenCms portal, please register yourself:

Title:*	○ Ms ○ Mrs ● Mr
Last name:*	
First name:*	
Your Email:*	
Password:*	
Confirmation:*	
Newsletters*	☐ OpenCms Newsletter ☐ Alkacon Newsletter
Privacy*	☐ I accept the privacy statements
Verification:*	*p i m r h*

All fields marked with an asterisk (*) are mandatory.

Submit

(*) mandatory field
(+) To prevent the misuse of the contact form, please enter the five character verification code which is shown above.

Alkacon Software is committed to respect your online privacy and recognizes your need for appropriate protection and management of any personally identifiable information you share with us. No information you provide to Alkacon in this form will be disclosed to third parties.

Figure 4: Demo frontend view of a Webuser registration form