



# Alkacon OAMP Webuser Registration 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 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.

## 2 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.

## 3 Installation

**Note:** To use the Alkacon OAMP Webuser registration module, you need at least OpenCms version 8.0.1. 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:

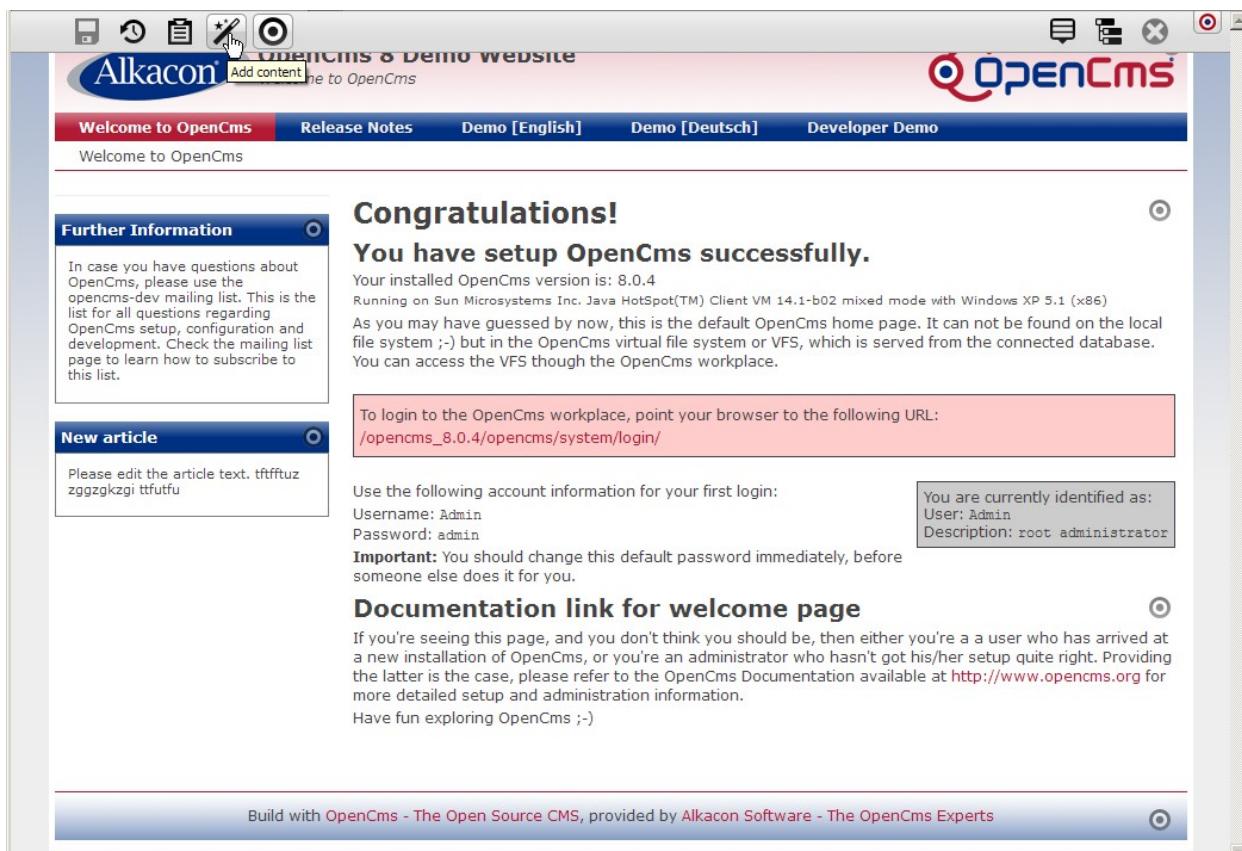
1. Go to the OpenCms Administration view
2. Click "Module Management" and select either "Import Module from Server" if the module was placed in the `WEB-INF/packages/modules/` folder of your OpenCms installation, or select "Import Module with HTTP" to upload the module from your local file system
3. 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

## 4 Module usage

After successful installation and configuration of the OAMP Webuser Registration Module, it is ready to use. New registration forms can be added to your website by Drag & Drop from the ADE toolbar.

### 4.1 Adding a new OAMP Webuser Registration to a page

To add a new Webuser Registration 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 Webuser Registration 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 mouse-button pressed. Now you can move the new Webuser Registration where you need it and release the mouse-button.

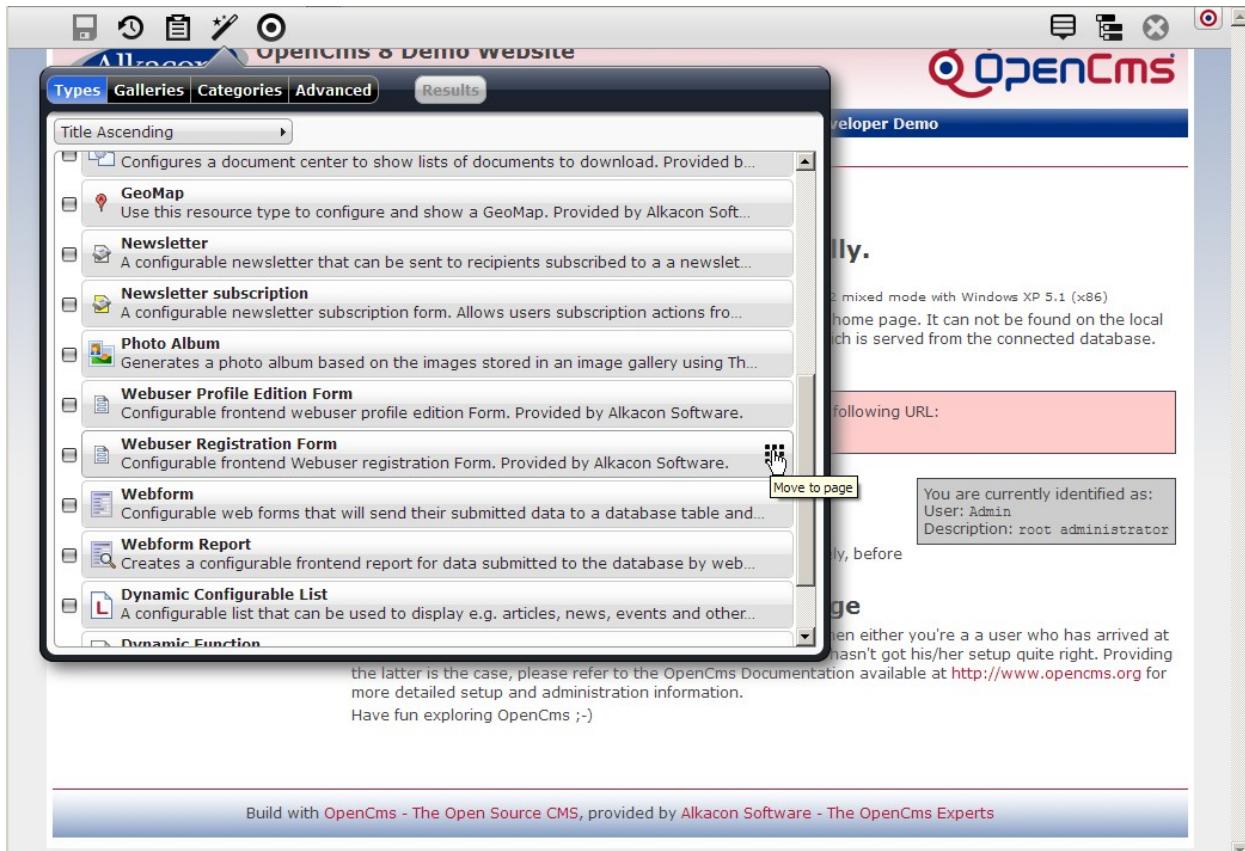


Figure 2: Drag a new Alkacon Webuser Registration from the "Add Wizard".

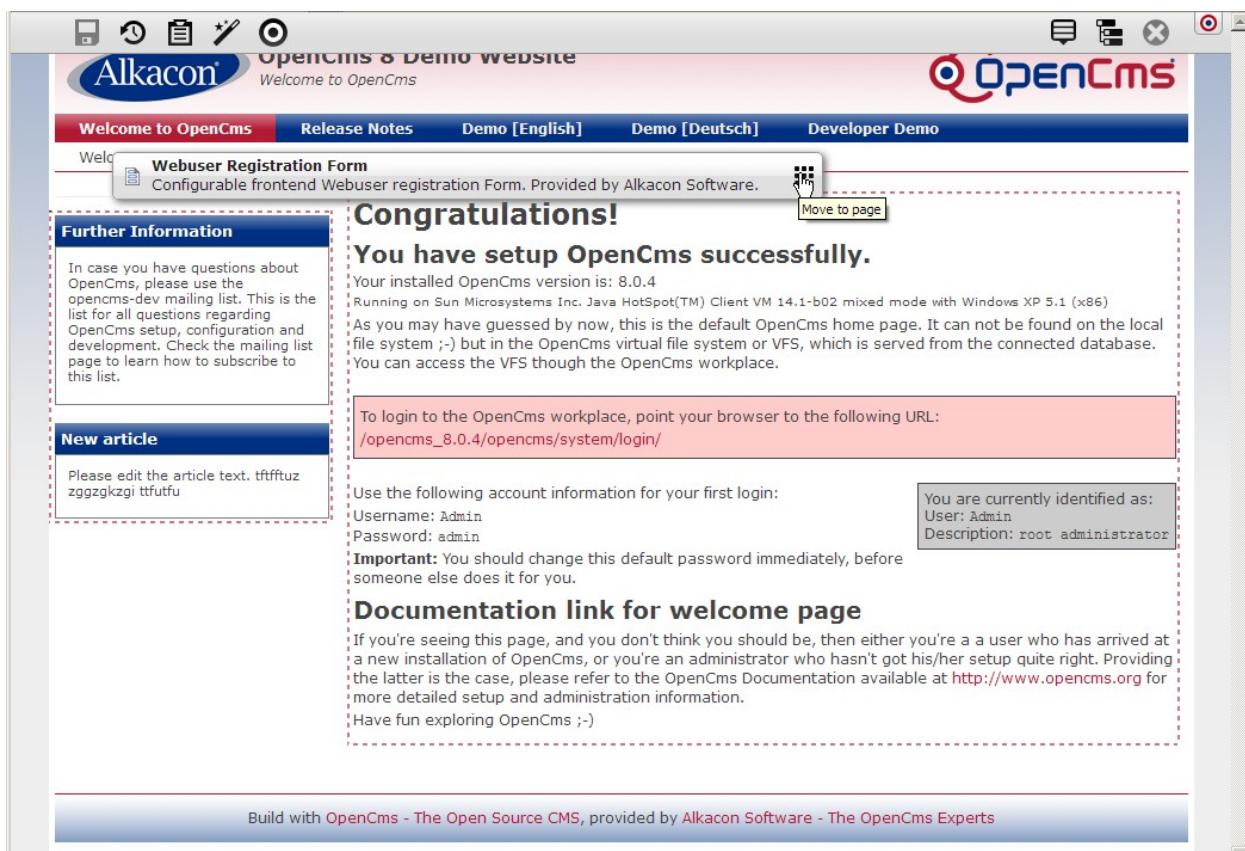
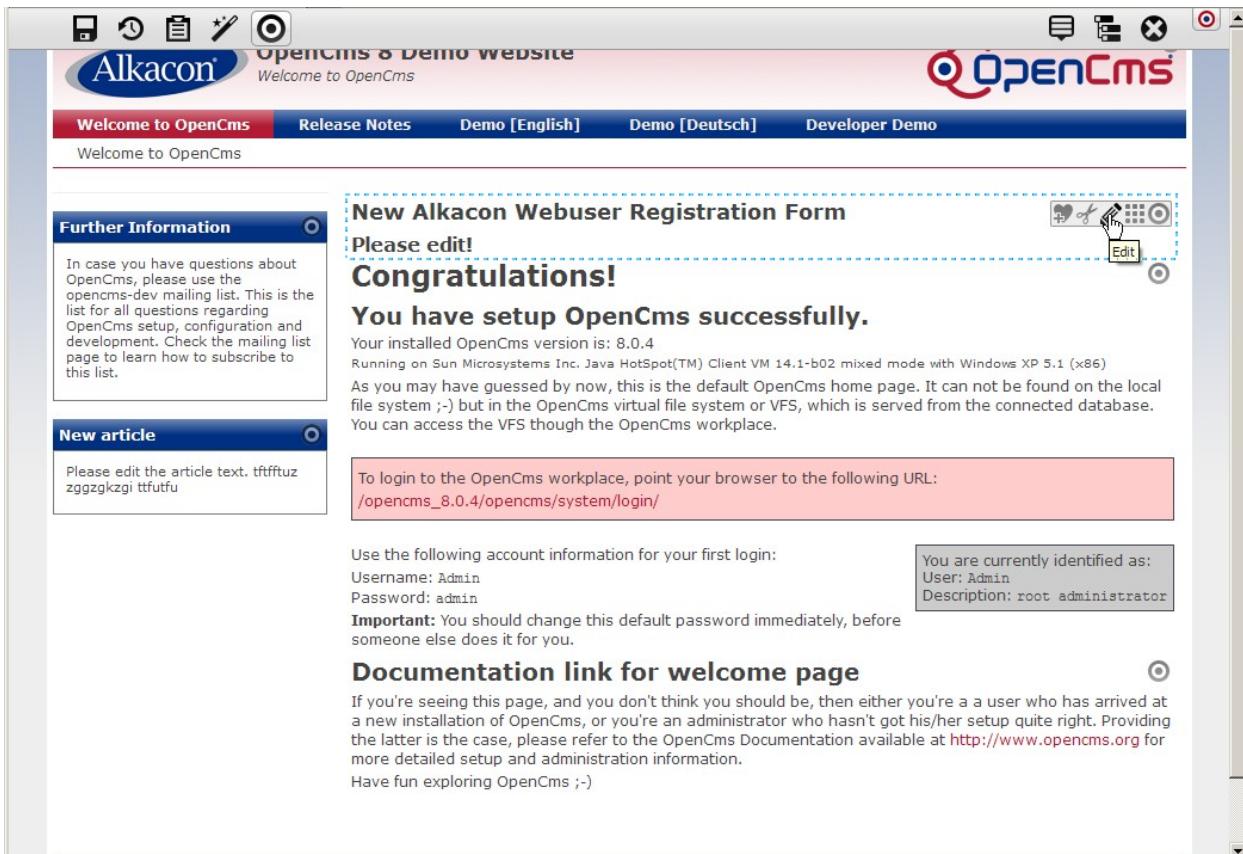


Figure 3: Dropping the new Alkacon Webuser Registration to destination container.

## 4.2 Editing an OAMP Webuser Registration form

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



**Figure 4: Open the ADE Editor.**

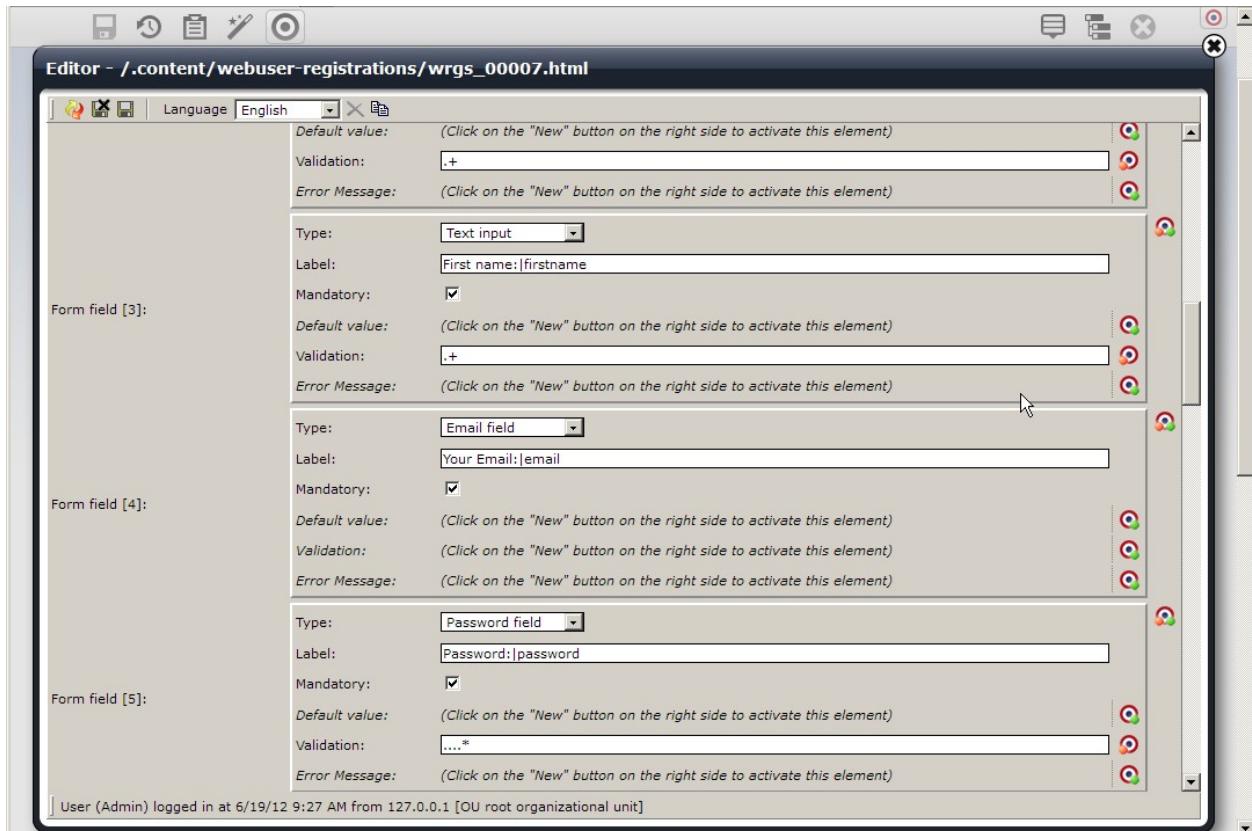
The following fields are available for editing:

- **Registration Form text:** Text displayed above the registration form.
- **Registration Form footer text:** Text displayed below the registration form.
- **Form field:**
  - **Type:** The type of the input field.
  - **Label:** The label text for the input field.
  - **Mandatory:** If checked, this input field has to be filled out, otherwise it is optional.
  - **Default value:** The initial default value of the input field or the list of shown options for checkboxes, radio buttons and select boxes.
  - **Validation:** Regular expression used to validate the submitted field value.
  - **Error Message:** A custom error message if validation of this field failed.
- **User Creation Options:**
  - **Email as Login:** Use the email address as login, if not you have to define a field for the login
  - **Organizational Unit:** The organizational unit the new user should be created into
  - **Group:** The group the new created user should be created
- **Captcha Field:**
  - **Confirmation text:** Text displayed on the registration confirmation page.
- **Confirmation Email:**
- **Mail Alert:**
- **Advanced configuration:**

- **User Activation text:** Text displayed on the user activation page.

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 labeled fields as desired to collect data.



The screenshot shows the XML content editor for a Webuser Registration form. The title bar reads "Editor - /.content/webuser-registrations/wrgs\_00007.html". The interface includes a toolbar with standard icons like back, forward, and save. A language dropdown set to "English" is visible. The main area displays five form fields:

- Form field [3]:** Type: Text input, Label: First name:|firstname, Mandatory: checked. Default value, Validation, and Error Message are all identical placeholder text: "(Click on the "New" button on the right side to activate this element)".
- Form field [4]:** Type: Email field, Label: Your Email:|email, Mandatory: checked. Default value, Validation, and Error Message are all identical placeholder text: "(Click on the "New" button on the right side to activate this element)".
- Form field [5]:** Type: Password field, Label: Password:|password, Mandatory: checked. Default value, Validation, and Error Message are all identical placeholder text: "(Click on the "New" button on the right side to activate this element)".

A status bar at the bottom left indicates "User (Admin) logged in at 6/19/12 9:27 AM from 127.0.0.1 [OU root organizational unit]".

**Figure 5: 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.

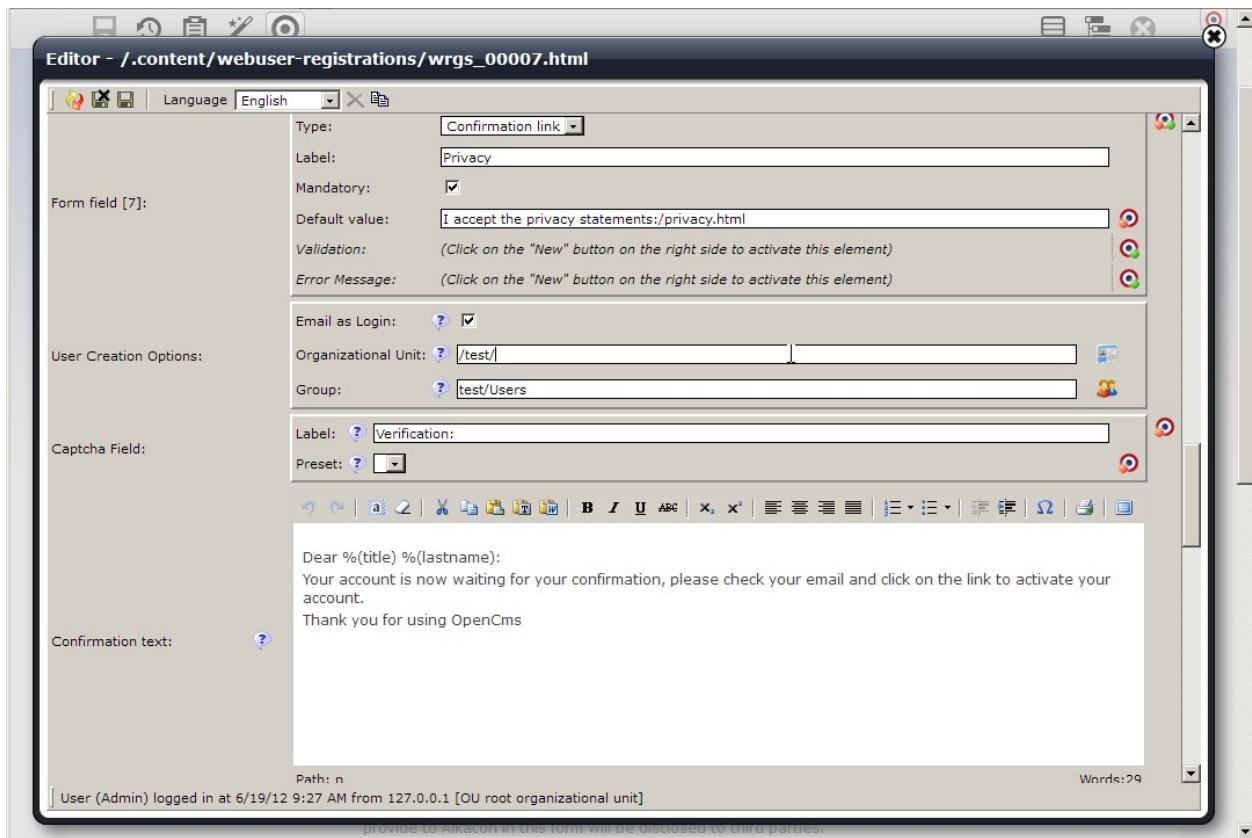
**Note:** You have to define at least the three **mandatory** fields for the **login** name (Type: Text Input), the **email** address (Type: Email field) and the **password** (Type: Password field).

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 one 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.



The screenshot shows the configuration interface for a registration form. Under 'User Creation Options', the 'Organizational Unit' is set to '/test/' and the 'Group' is set to 'test/Users'. In the 'Confirmation text' section, there is a rich text editor containing the following text:

Dear %(title) %(lastname):  
Your account is now waiting for your confirmation, please check your email and click on the link to activate your account.  
Thank you for using OpenCms

**Figure 6: 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 6, 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

## 4.3 Editing an OAMP Webuser Profile Edition form

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

## 4.4 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.

## 4.5 Adding an existing OAMP Webuser registration form to your page

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

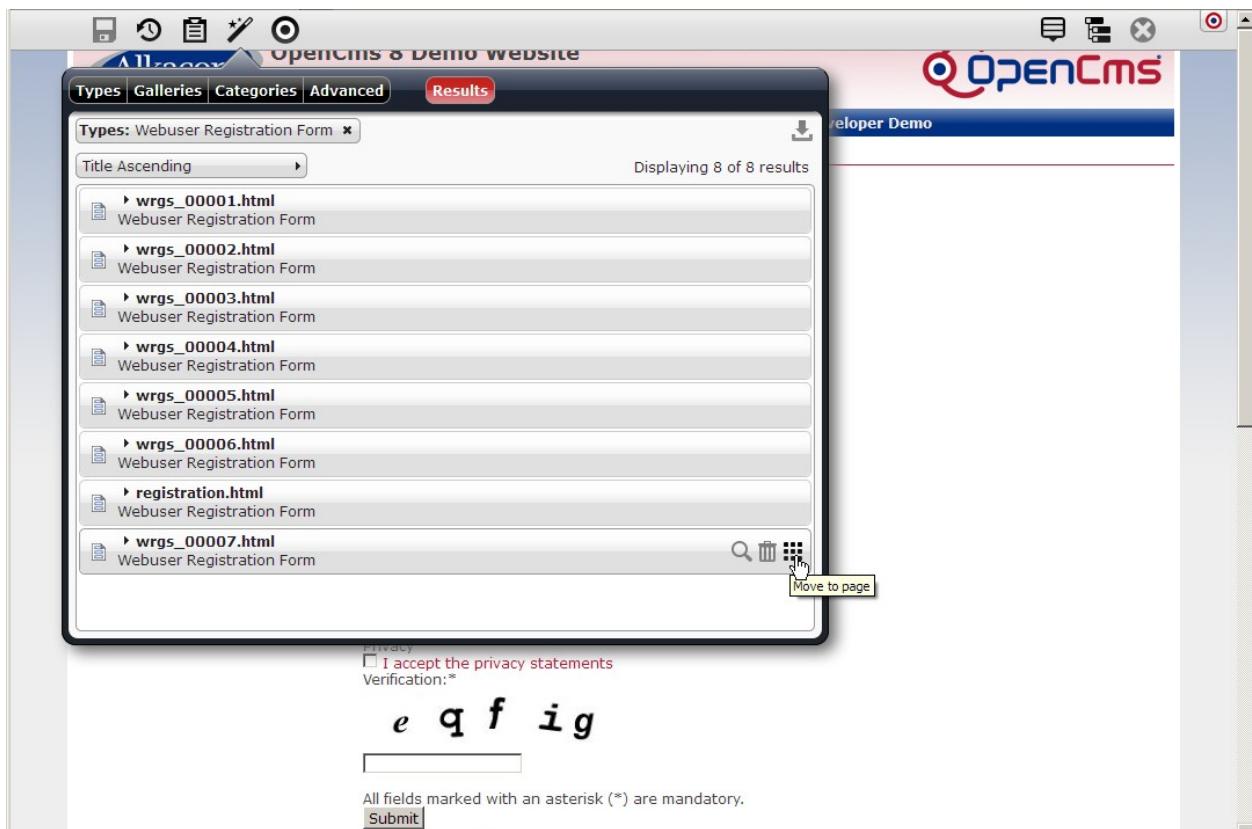
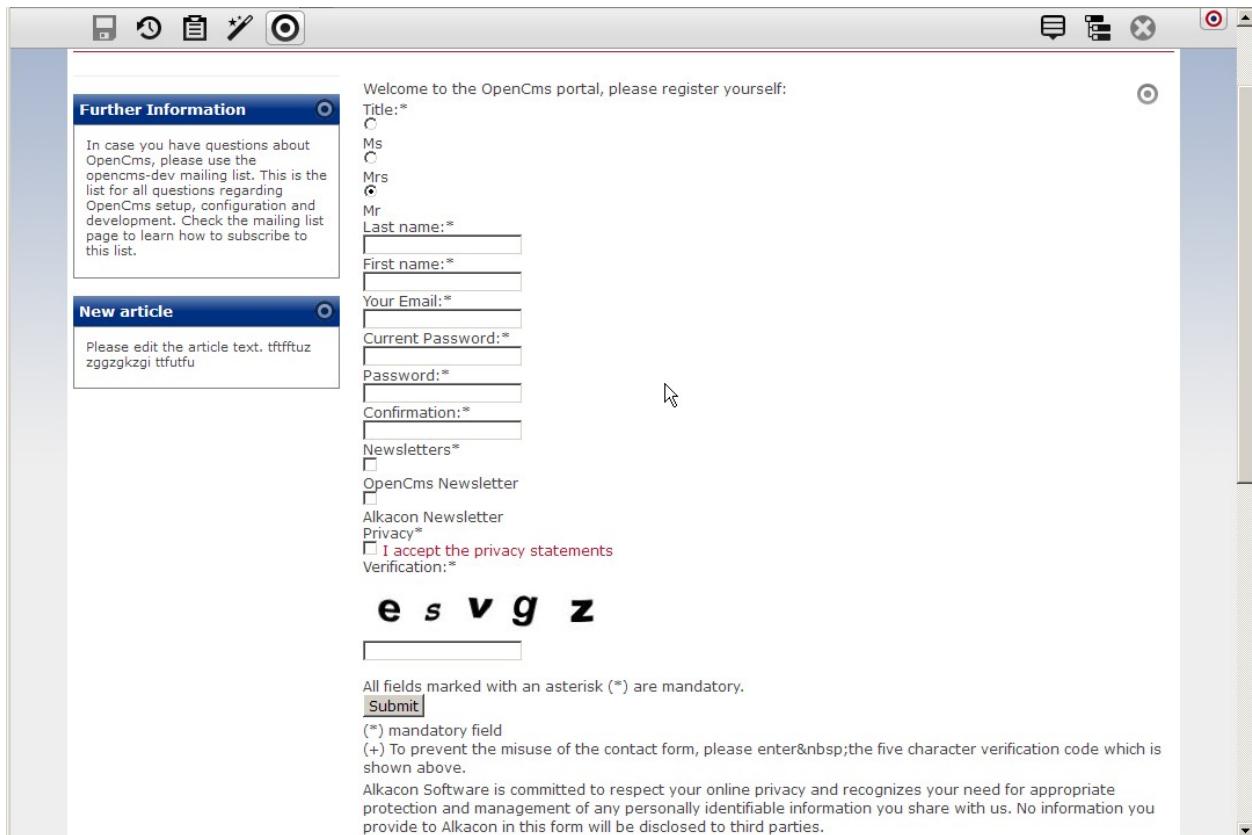


Figure 7: Drag & Drop of an existing OAMP Webuser registration form in ADE.

## 5 The Frontend View

After saving and reloading the page the Webuser registration form should seamlessly integrate with your web page.



The screenshot shows a web browser window with the OpenCms portal. The main content area displays a registration form titled "Welcome to the OpenCms portal, please register yourself:". The form includes fields for Title (radio buttons for Ms, Mrs, Mr), Last name, First name, Your Email, Current Password, Password, Confirmation, Newsletters (checkboxes for OpenCms Newsletter and Alkacon Newsletter), Privacy (checkbox for accepting terms), and Verification (text input field containing "e s v g z"). A note at the bottom states: "All fields marked with an asterisk (\*) are mandatory." Below the form are instructions: "(\*) mandatory field", "(+) To prevent the misuse of the contact form, please enter the five character verification code which is shown above.", and a privacy statement from Alkacon Software. On the left side of the main content, there are two sidebar boxes: "Further Information" with a note about the mailing list, and "New article" with a placeholder text "Please edit the article text. tftfttuz zggzgkzgi ttfutu". The browser interface includes standard toolbar icons and a vertical scroll bar on the right.

Figure 8: Demo frontend view of a Webuser registration form.