Alkacon Software GmbH

Technote

Alkacon OAMP Survey Module

Version: 1.0

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1 Table of Content

2   Abstract

This document describes the installation, configuration and usage of the Alkacon OpenCms Add-On Module Package Survey. With the Survey module, it is possible to create and analyze a survey.

Based on the Webform Module, it is possible to create highly configurable survey forms without knowledge of HTML. Once created, configured and published, a survey can be filled out by website visitors. The analysis of the survey can easily be done by creating a survey report.

3   General purpose of the Alkacon OAMP Survey Module

The module extends a basic OpenCms installation with the capability to analyze the answers of online input forms. It provides the following features:

- The survey is identical to the web forms of the OAMP Webform Module, only the view is different.

- Every answer, which is filled out from the user in a survey, is taken for the analysis.

- An overview page shows the analysis of all given answers to a survey.

- It is also possible to show every given answer of a user in a detail page.

4   Installation

Note: To use the Alkacon OAMP Survey module, you need at least OpenCms version 7.0.4. The module is not compatible with older OpenCms versions.

Note: The Alkacon OAMP Webform module with the version 1.2.0 or greater is needed.

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 Survey module zip file `com.alkacon.opencms.survey_1.0.x.zip` to import

4. Check if the jar file `com.alkacon.opencms.survey.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 Survey module, it is ready to use. Surveys can be set up by creating a new resource of the type "`Alkacon Survey`" and the reports to analyze can be set up by creating a new resource of the type "`Alkacon Survey Report`".

5.1 Alkacon OpenCms Survey

5.1.1 Creating an Alkacon OpenCms Survey

To create a new survey 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 Survey" and "Continue".

4. In the following dialog enter the name of the new file and more properties if desired.

→ A new file of type "alkacon-survey" has been created and is visible in the OpenCms Explorer.
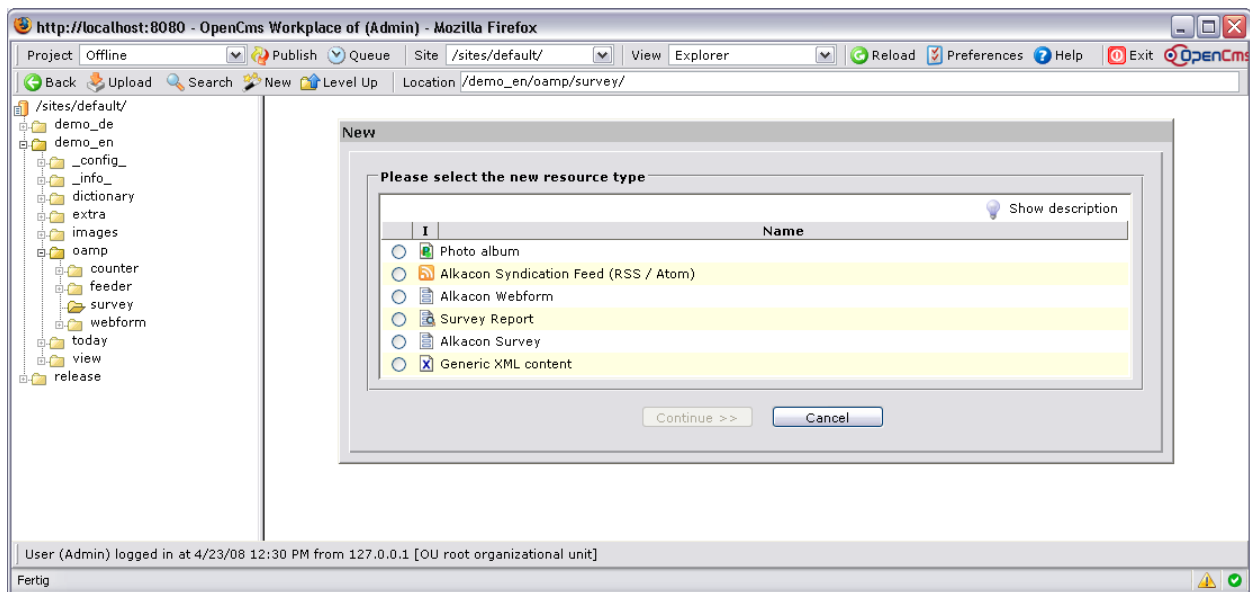

Figure 1: The 2nd stage of the new dialog to create an Alkacon OpenCms Survey.

5.1.2 Editing an Alkacon OpenCms Survey

The survey is identical to a webform of the OAMP Webform Module, only the view is different. For more information of editing a webform please have a look on the Document "Alkacon_OAMP_Webform.pdf" of the OAMP Webform Module.

To generate the survey report, it is required that the data target must be set to "database".

Only following three types are supported through the Alkacon OpenCms Survey Report:

- Checkbox,
- Radio buttons,
- Select box.

In special cases the building of the new view of the survey has to be set up with different HTML-Tags. In this case you can set the property "webformMessage" on the resource with the path of the new properties-file.

For the label you can provide the text which will be shown as the label in the web form. If you want to specify a different name to be stored in the database, the label should be followed by a pipe symbol ("|") and the name of the field in the database. This should be done if you have the

survey in different languages and the labels differ in each language.

The default value of every field can be used to specify the single entries separated by the pipe symbol ("|").

Figure 2: Alkacon OpenCms Survey editor.

5.2 Alkacon OpenCms Survey Report

5.2.1 Creating an Alkacon OpenCms Survey Report

To create a new Survey Report 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 Survey Report" and "Continue".

4. In the following dialog enter the name of the new file and more properties if desired.

→ A new file of type "alkacon-surveyReport" has been created and is visible in the OpenCms Explorer.

5.2.2   Editing an Alkacon OpenCms Survey Report

Survey Reports 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 Survey Reports appears.
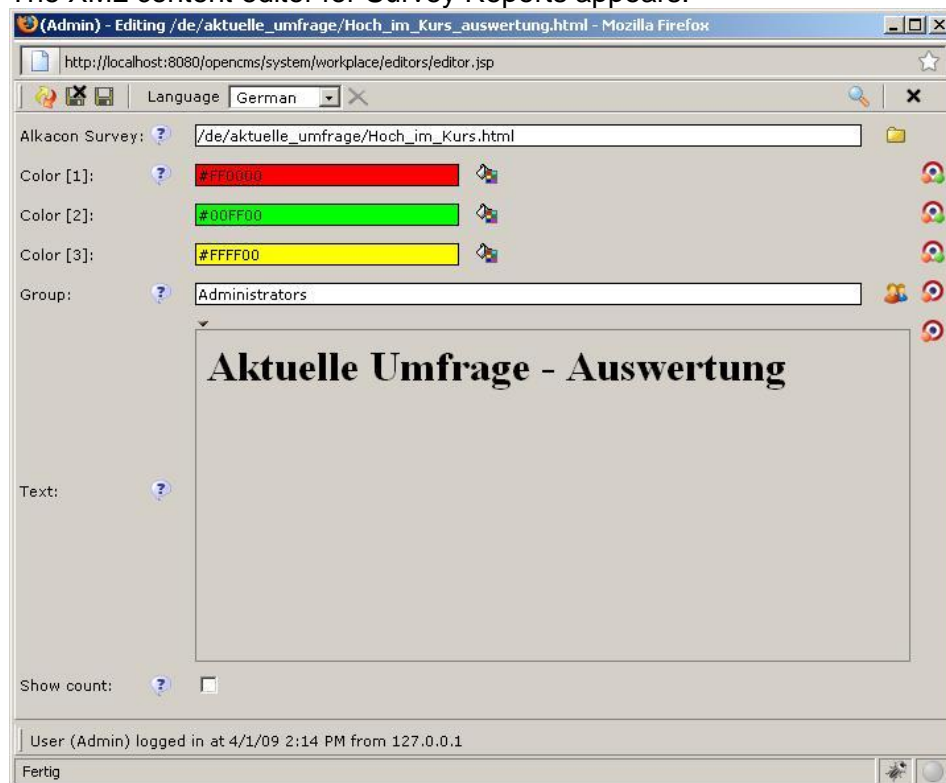
Figure 3: Alkacon OpenCms Survey Report editor.

The following fields are available:

- **Alkacon Survey**: This field is mandatory and must contain the path to the OpenCms Alkacon Webform or Alkacon Survey.

- **Color**: Here you can set up the colors for the bars in the overview page from WebformReports. For every bar a new color is taken.

- **Group**: This field is optional, if it is set then only users in this group can see the detail pages.

- **Text**: An optional text which is shown above the overview page.

- **Show count**: If selected the numbers of the voted answers are shown, if not selected the counts are not shown.

Please note that the OpenCms Alkacon Webform or Alkacon Survey must set the transport of the datatarget to „database".

5.3 Additional configuration for the front end view

To show the survey and the report with the correct styles, some changes in the template are needed. The following lines have to be included in the head of the template:

```html
<html>
<head>
    …
    <link
        type="text/css"
        rel="stylesheet"
        href="
            <cms:link>
                /system/modules/com.alkacon.opencms.survey/resources/css
                /webform.css
            </cms:link>"
    />
    <link
        type="text/css"
        rel="stylesheet"
        href="
            <cms:link>
                /system/modules/com.alkacon.opencms.formgenerator/resources/css
                /webform.css
            </cms:link>"
    />

    …
</head>
…
</html>
```


Figure 4: the view of the survey.

6 The report front end view

Two views are available: the overview page and the detail page. The overview page takes the results from the database and calculates how much an answer is selected. Please notice that only following field types can be taken:

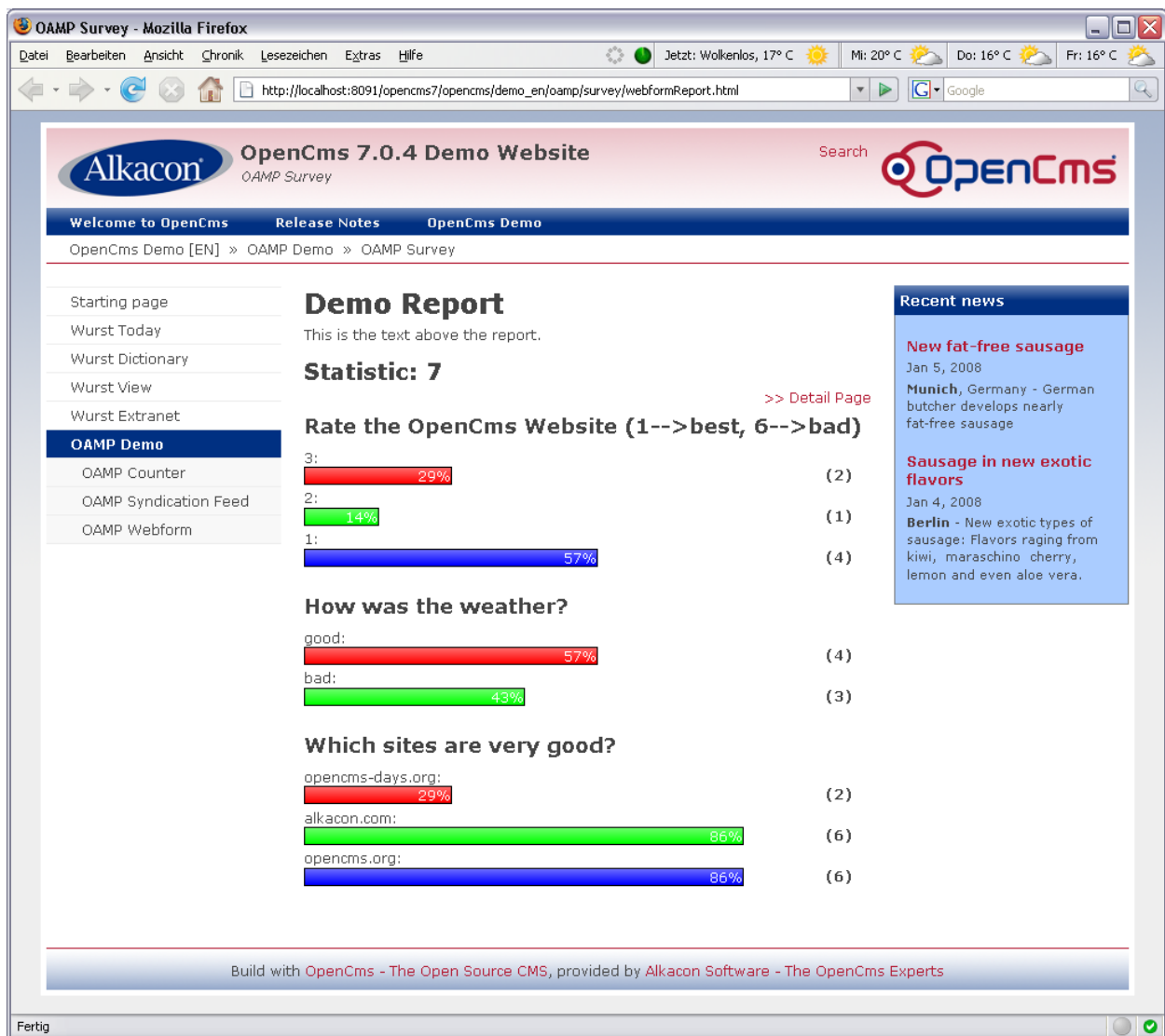- Checkbox
- Radio buttons
- Select box

Figure 5: Example for an overview page.

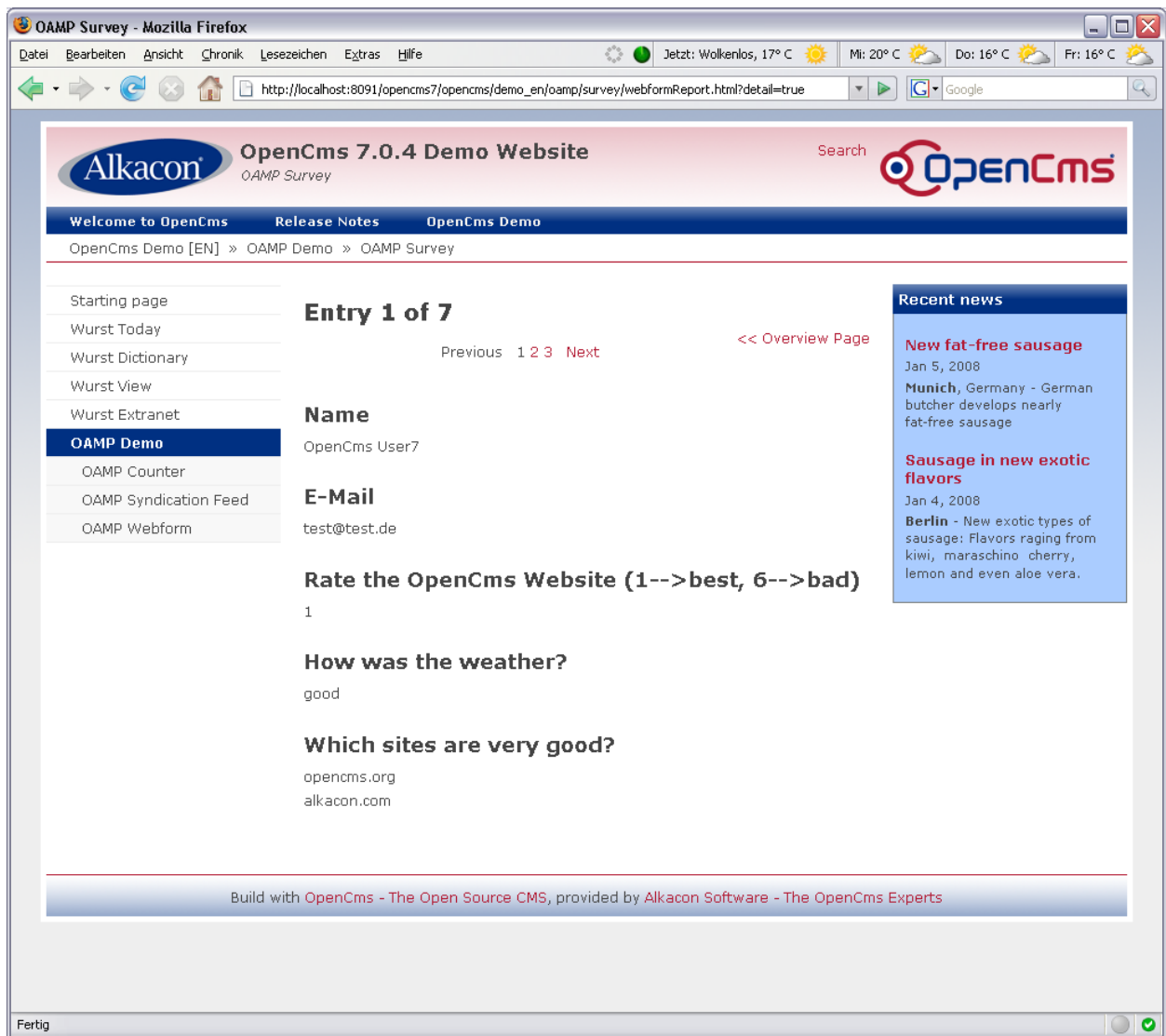The detail page shows every filled out survey from a user. Here every field is shown.

Figure 6: Example for the detail page.