Alkacon OAMP UsageReport Module

Version 2.0.0

Contents

1 Abstract

This document describes the installation, configuration and usage of the Alkacon OpenCms Add-On Module Package Usage Report. With the usage report module, it is possible to create a scheduled job which sends an email to an OpenCms user with a list of resources that are new created or recently changed in a configured time range.

2 General purpose of the Alkacon OAMP Usage Report Module

The module extends a basic OpenCms installation with the capability to send an email to an OpenCms user with a list of new created and recently changed resources. It provides the following features:

• The settings of the scheduled job can be used to limit the resources to security permissions of the selected user, a project or to a specified folder inside OpenCms.
• The mail has two lists: new resources and modified resources.
• The list in the mail has links to the resources.
• The list shows the user who modified/created the resource together with the last modification / creation date.
• The lists with the resources in the mail are sorted by the last modification / creation date.
• The time range in which resources are new/modified can be configured with a scheduled job parameter.
• The text in the header and footer of the mail can be specified through an xml content.

3 Installation

Note: To use the Alkacon OAMP Usage Report module, you need at least OpenCms version 8.0.1. The module is not compatible with older OpenCms versions.

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 Usage Report module zip file com.alkacon.opencms.v8.usagereport_2.0.x.zip to import
4. Check if the jar file com.alkacon.opencms.v8.usagereport.jar has been deployed in the WEBINF/lib/ folder after installation
5. Restart your servlet container afterwards

3.1 Configuration

The usage report module can be used out of the box; usually there is no additional configuration necessary. In general OpenCms should be able to send mails, which you can check in the "opencms-system.xml" where you can configure the smtp settings.

4 Module usage

After successful installation of the usage report module, it is ready to use without further configuration. It is possible to create several jobs for the usage report, which may run in different folders or the mails are sent to different OpenCms users.

4.1 Schedule Job creation / configuration

You need to create a new scheduled job in OpenCms to send mails with the usage report. Go to the OpenCms Administration View and select Scheduled Jobs. A new scheduled job should be created by selecting "New Job". The following settings can/should be used for the usage report:

- JobName: Provide any name you like, e.g. "Usage Report Mail"
- Java class: "com.alkacon.opencms.v8.usagereport.CmsUsageReportJob"
- Cron expression: Select a cron expression which fits your needs.
- Reuse instance: should be unchecked
- Active: activate this if you want that the job starts after the creation. If you leave it unchecked the usage report won't be send.
- User Name: Select a user in OpenCms. The mail address of the user will be used for the generated e-mail. Notice: make sure the user has the permissions to read the resources. Only resources which can be read by the user will be included in the usage report.
- Project: Select the project where the usage report should run. Choose the online project if you only want to include published files in the usage report.
- Site root: only select a folder here if you want to limit the usage report to a subtree in OpenCms. If this is not set, all resources are included (system folder is included). The rest of the settings on the first page of the scheduled job dialog aren't relevant.

4.1.1 Scheduled Job Parameters

As the only parameter you can set the number of hours new and modified resources are included in the usage report. The default, if the parameter is not set, is 24 hours. If for example 30 hours is configured, then all resources which are created or modified in the past 30 hours (at the time the schedule job runs) will be included in the usage report. Notice: Make sure the setting here fits to the cron expression when you schedule job will run.

Example: hours=30

4.2 Configuring the e-mail template

The usage report uses a xml content where the header and footer of the mail can be configured. This resource can be found at "/system/workplace/admin/notification/usage-report-notification". There you can enter the text which is used as the header and the footer of the mail in each language. The language used for the e-mail is the language the user has specified in his settings (the language of the workplace for the configured user). In the text some macros can be used which will be replaced by the usage report before sending the e-mail:

- ${hours}: will be replaced by the number of hours which are configured in the scheduled job parameters
- ${jobStart}: will be replaced with the time the scheduled job was started
- ${firstname}: the first name of the user the mail was sent to
- ${lastname}: the last name of the user the mail was sent to
- ${project}: the name of the project the usage report job runs in