

Version: 2.0 – Compatible with dotCMS 2.x series

Description: This plugin allows the configuration of a quartz job to import and export content automatically. The plugin contains a portlet that shows the scheduled jobs for content imports and exports in separated lists. The portlet also allows you to add, edit, and remove import/export quartz jobs.

New features: Version 2.0 includes two new options in the import process:

1. Update existing contents without generating new versions.
2. Delete all the existing contents in the structure before running the import.

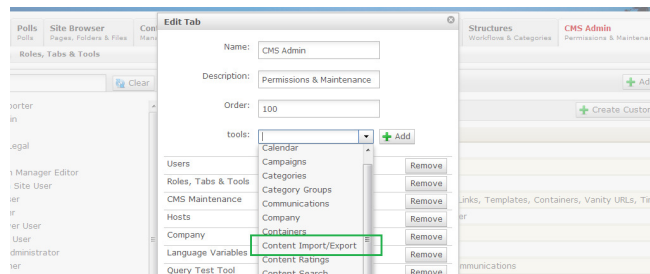
Installing the plugin:

Once the code has been obtained from the github plugin's repository, it needs to be copied to the server in the following path:

`<dotCMS home>/plugins/org.dotcms.plugins.contentImporter`

You may need to modify the configuration properties described below, and then deploy the plugin using dotCMS's deploy-plugins script.

Once the plugin has been deployed, you will need to add the “Content Import/Export” tool to a tab in the backend.



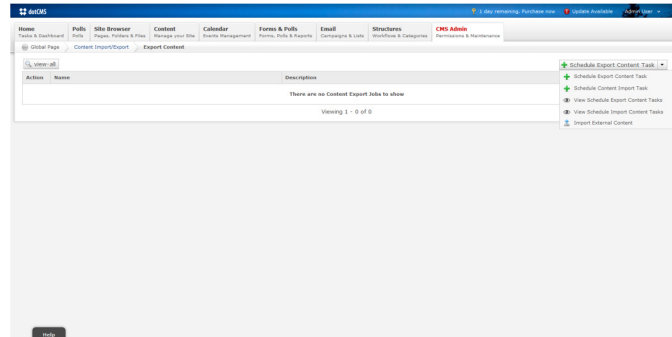
Configuring the Plugin:

This plugin allows you to configure the following properties on the `conf/plugin.properties` file:

1. **portlet.role** defines the role that a user will need to have in order to add and remove content import tasks in back-end. It's recommended to keep the default value.
Default value: `portlet.role=Content Importer`
2. **processedFilePath** indicates where the files are going to be moved once they have been processed.
Default value: `processedFilePath=/DotCMS/Uploads/Processed`
3. **logFile** indicates where is saved the log file of each files after they have been processed.
Default value: `logFile=/DotCMS/Content_Importer_Logs`
4. **exportedFilePath** indicates where the exported files are going to be created (this is the default value for the export).
Default value: `exportedFilePath=/DotCMS/exported`

To create/edit/delete an export task

Go to the dotCMS tab where you included the content import/export portlet and select the option you need to execute:



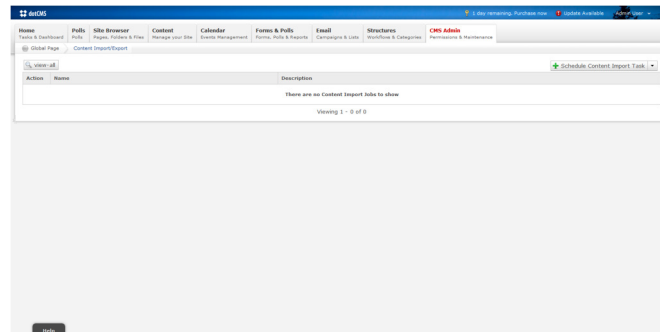
If you are going to generate a new scheduled job, you will need to enter the following parameters:

1. The task name.
2. The task description.
3. The task execution properties (when and for how long the task should be executed). You could also use a cron expression or use the configuration properties. For more information about quartz cron expression please check: <http://quartz-scheduler.org/documentation/quartz-2.x/tutorials/tutorial-lesson-06>
4. The Structure you will be exporting.
5. The Language of the content to be exported (multilanguage, or just in a particular language).

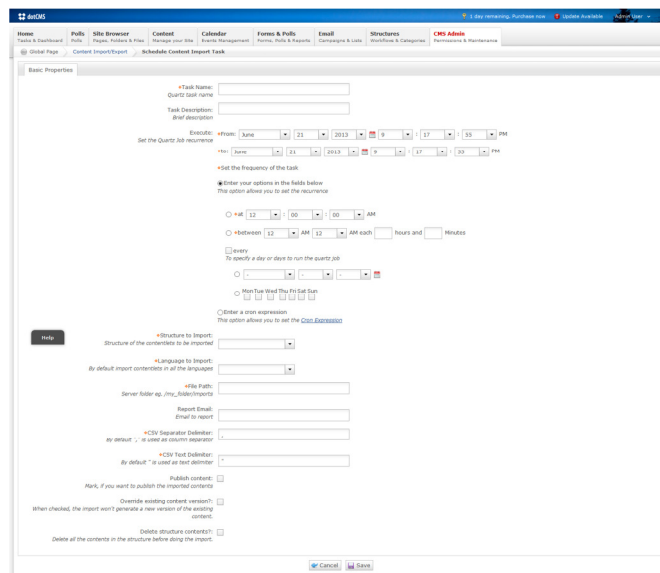
6. The Fields to export from the structure. If no fields are selected, all the fields in the structure will be exported. If some fields are selected, just those and the system fields identifier, language and country will be exported to the csv file.
7. The File Path where the csv file(s) zip file will be located. Here you should specify an existing folder where all the compressed csv file will be exported.
8. Overwrite export file?. When checked, every execution of the job will overwrite the previously generated file. If not, every job execution will create a new file by adding the date to its extension.
9. The report email. Use this parameter if you want to receive an email notification with the compressed csv file every time the content export runs. This value can be a comma separated list of emails if more than one person should receive the exported file.
10. The CSV Separator Delimiter. This parameter indicates the character that is going to be used to separate the values of the fields in each row in the csv file.
11. The CSV Text Delimiter. This is if you use a " or ' or other symbol to indicate when a text end.

To create/edit/delete an import task

Go to the dotCMS tab where you included the content import/export portlet and select the option you need to execute:



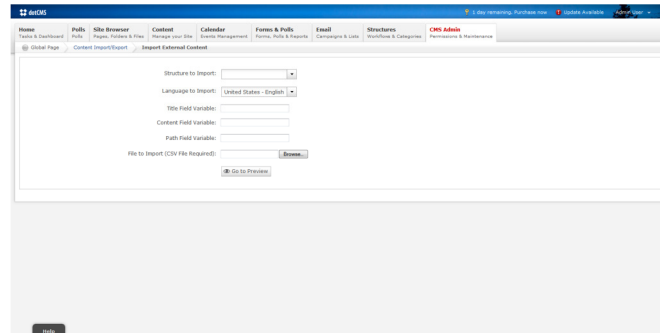
If you are going to generate a new task, you will need to enter the following parameters:



1. The task name.
2. The task description.
3. The task execution properties (when and for how long the task should be executed). You could also use a cron expression or use the configuration properties. For more information about quartz cron expression please check: <http://quartz-scheduler.org/documentation/quartz-2.x/tutorials/tutorial-lesson-06>
4. The Structure where the content will be imported.
5. The Language of the content to be imported (multilangue, or just in a particular language).
6. The Key Fields of the structure in case you want the import to update existing content.

7. The File Path where the csv file(s) with the content to be imported is(are) located. If you specify a folder, all the csv files in it will be imported.
8. The report email. Use this parameter if you want to receive a notification every time the content import runs. The email will indicate if the process finishes successfully or if there are any errors importing the file.
9. The CSV Separator Delimiter. This parameter indicates the character that is used to separate the values of the fields in each row in the csv file.
10. The CSV Text Delimiter. This is if you use a " or ' or other symbol to indicate when a text ends.
11. The Publish property. Check it only if you want the process to automatically publish the content that will be imported.
12. The Override existing content version? property. Check it if you want the import process not to generate a new version of the existing content.
13. The Delete structure contents? property. Check it if you want to delete all the contents in the structure before doing the import.

Import external Content



This option allows importing content from a URL to a field in a dotCMS structure. This particular process is done manually; it is not integrated with Quartz.

1. The Structure to import property set the structure where the import is going to be done.
2. The Language of the content to be imported (multilangue, or just in a particular language).
3. The Title Field Variable property indicates the velocity variable name of the field we are going to use as a key to match the structure content to update.
4. The Content Field Variable property indicates the velocity variable name of the field we are going to update with the info obtained from the path provided in the CSV file.
5. The Path Field Variable property indicates the velocity variable name of the field we are going to use to keep the url from where we obtain the updated field information.
6. The File to Import is the CSV file to process.

Note: This functionality has been deprecated and will be removed for future versions of the plugin.

Plugin Github Tags

1. Tag **plugin-content-import-export-1.0-dotcms-1.7.x**

This version works on dotCMS 1.7 .

To obtain this version you need to git clone the master of the plugin and then run this command:

```
git checkout plugin-content-import-export-1.0-dotcms-1.7.x
```

2. Tag **plugin-content-import-export-1.0-dotcms-1.9.x**

This version works on dotCMS 1.9 .

To obtain this version you need to git clone the master of the plugin and then run this command:

```
git checkout plugin-content-import-export-1.0-dotcms-1.9.x
```

3. Tag **plugin-content-import-export-1.0-dotcms-2.x.x**

This versions works on dotCMS 2.x .

To obtain this version you need to git clone the master of the plugin and then run this command:

```
git checkout plugin-content-import-export-1.0-dotcms-2.x.x
```

4. Tag **plugin-content-import-export-2.0-dotcms-2.x.x**

This version works on dotCMS 2.x and includes the options to save without versioning and delete all content before importing.

To obtain this version you need to git clone the master of the plugin and then run this command:

```
git checkout plugin-content-import-export-2.0-dotcms-2.x.x
```