

Name Of Solution :

Excel2CSV : Convert MS Excel worksheets to csv

Short Description

Java utility that generates csv files by continuous scanning an input directory for MS Excel files. It is supported on Windows, Linux, AIX, Solaris Operating systems.

Solution Url :

<https://community.informatica.com/solutions/2829>

Description:

ExcelSheet2Csv polls a directory and reads all excel files as and when available. It converts each sheet in excel file to delimited csv files. It is supported on Windows, Linux, AIX, Solaris Operating system. It supports all excel file versions.

Processing steps:

1. Polls a given location for any excel files. Polling can be configured based on user requirements and this utility will run as a service until terminated explicitly. The default polling duration is 120 seconds (2 minutes).
2. Whenever a new excel is dropped in the folder, the utility will create a folder and name it according to excel file name and extension. Then it will generate a csv file for each sheet in the excel file.
3. Utility makes sure that it doesn't extract same file twice.

E.g. If there is a file named "Informatica.xls" and it has 2 sheets [Sheet1 and Sheet2]. Then, this utility will create a folder named "xls_ Informatica" in same directory as that of excel file and generate 2 csv files named Sheet1.csv and Sheet2.csv.

Options and their usages:

```
java -jar excel2csv.jar [-delim <delimiter>] -efd <excel_dir_full_path> [-force] [-help] [-infinite] [-version] [-wt <time_in_seconds>]
```

1. -delim <delimiter>: Delimiter for the output file. User is free to specify any delimiter enclosed by double quotes. E.g. ",", "|"
2. -efd <excel_dir_full_path>: Full path of excel file directory. Utility will poll for new excel files in this location. Also, files are extracted in this location.

3. `-force`: Utility makes sure that same excel file is not extracted again. However, in some scenarios it becomes necessary to re-extract all files. To override default behavior, user can use this option.
4. `-infinite`: Utility is capable of polling for an infinite duration. User can implement infinite polling using this option.
5. `-wt <time_in_seconds>`: It is an alternate to infinite polling. User can provide time, in seconds. Utility will poll for new excel files based on this number. By default, utility polls for 120 seconds.

Download file contains:

1. Jar file
2. Sample Excel file directory
3. Source Files
4. Userguide

Following options some useful commands:

1. Generating pipe separated csv files from excel files
 - `java -jar excel2csv.jar -delim "|" -efd /some/location/of/excel_files_directory`
2. Generating pipe separated csv files from excel files with timed polling
 - `java -jar excel2csv.jar -delim "|" -efd /some/location/of/excel_files_directory -wt 60`
3. Generating pipe separated csv files from excel files with infinite polling
 - `java -jar excel2csv.jar -delim "|" -efd /some/location/of/excel_files_directory -infinite`
4. Generating pipe separated csv files from excel files, forcing file extraction of already extracted file
 - `java -jar excel2csv.jar -delim "|" -efd /some/location/of/excel_files_directory -infinite -force`
5. For Help and version related information
 - `java -jar excel2csv.jar -help`
 - `java -jar excel2csv.jar -version`