



Dialer Csv importer for Magento

Project goal

Import csv data from Dialer ftp into Magento catalog using magmi importer by cronjob

Ftp download

The module will download the csv catalog from Dialer ftp. Ftp access will be configured into Dialer magento module (script with configuration parameters is provided).

The cronjob will be configured into magento configuration module.

The module will connect and download the csv file into magento var/export directory

All the php scripts will be hosted into “dialer” directory, into the magento root directory

Csv Conversion

Dialer csv is a tab separated csv file without header, but the csv columns will follow this order:

Category

Subcategory

Sku

Reserved (not imported)

Product name

Retailer Price

Price

Manufacturer

Vat

Qty

Ean

we need to convert this csv file into another csv file with the following mapping:

Category and Subcategory will be mapped to magento category following the module configuration described below

sku → Sku

name → Product name

cost → Price/100

manufacturer → Manufacturer

tax_class_id → fixed value “2”

qty → Qty

ean → Ean

description → Product name

weight → from Configuration

short_description → Product name

distributor → “dialer”

is_in_stock → “1”

categories → from configuration table, look up the value Category+Subcategory and put the magento category, see Categories section for details

markup → from product attribute “markup”, if attribute is empty will use category configuration markup, if category configuration doesn't exists, will use configuration default markup and send an email to the address configured in Notification Email Address

price → $\text{cost} * (1 + \text{markup}/100)$

priceamzit → $\text{price} * (1 + \text{MarkupAmzIt}/100)$

priceamzfr → $\text{price} * (1 + \text{MarkupAmzFr}/100)$

priceamzes → $\text{price} * (1 + \text{MarkupAmzEs}/100)$

priceamzuk → $\text{price} * (1 + \text{MarkupAmzUk}/100)$

priceamzde → $\text{price} * (1 + \text{MarkupAmzDe}/100)$

Configuration parameters

Ftp Host

Ftp User

Ftp Password

Ftp Dialer Filname

Categories Mapping csv (see categories mapping section for details)

Cronjob Entry

Default Markup (%)

Default weight

Default Category Status

Import Out of stock products (yes/no)

Notification email address

Categories mapping

The categories mapping table will have the following columns:

CategorySubcategory

Magento Category (i.e. “telefonia – tablet/telefonia – navigazione/smartphone – pda phone”)

Markup

MarkupAmzIt

MarkupAmzFr

MarkupAmzEs

MarkupAmzUk

MarkupAmzDe

Status (0 or 1)

When converting the original csv in magmi csv, we will loop on every row checking first of all the Status. If for that product category the status is zero, the product will not be imported.

If the Import Out of stock products is set to No, and product qty is zero, the product won't be imported.

Then we will check the Magento Category to put into categories field. The prices will be calculated as stated above, applying the markups for each price accordingly.

If Dialer category is not found into Dialer_categories table, it will be inserted by the script with slash separators, i.e.

NAVIGAZIONE GPS/Gps per lo Sport

into the CategorySubcategory field. The other fields will be filled as follow

Magento Category → dialer

Markup → default markup configured in module configuration

MarkupAmzIt → default markup configured in module configuration

MarkupAmzFr → default markup configured in module configuration

MarkupAmzEs → default markup configured in module configuration

MarkupAmzUk → default markup configured in module configuration

MarkupAmzDe → default markup configured in module configuration

Status → default status configured. If status = 1 the product and all the following products in csv will be imported checking the Import Out of stock products value (so , if this is Yes, the products will be imported into “dialer” magento category regardless of the qty; if this is No, only products with quantity > 0 will be imported).

A notification email will be sent to the debug email configured, see following paragraph.

When you run the script for the first time, it will create all the dialer_categories entries.

Notification Email

If the Dialer category is not found into the dialer database table, a notification email will be sent.

This email will include all the product rows not found in the body and will have as subject “Categorie Dialer Non Configurata”

Module in Action

The module will basically convert a csv to another csv with some calculation on prices and category, applying configuration data where needed. The module will have to check all the products coming from dialer distributor because of the markup attribute but will check the products not updated too. To accomplish this task we will provide a magento collection that will extract all the dialer products not updated since last 24 hours that have non zero quantity and will put them to zero qty.

To clean up the database from old products we will check all the products with zero quantity not updated since the last 30 days and will put them into the magmi_delete_dialer.csv

This csv will contain only 2 columns:

sku → sku

magmi:delete → 1

If there aren't products to delete, the file will left untouched.

Test Cases

1. Check if category not found email is sent: create a new row with dummy category in dialer.csv and check if mail is sent with the right content
2. Check if products not in csv are setted to zero qty: create a dummy product in dialer.csv with 100 qty, than remove it and check if after 24 hours it will be at zero qty
3. check if magmi_delete_dialer.csv is created for products not updated: take an old product in magento catalog, set the “distributor” attribute to “dialer”, than check if the magmi_delete_dialer.csv is created.