**Frames project documentation**

1. Project source code is at https://github.com/arkper/frames

2. The source file is data/CSV\_Catalog\_1494897144737.csv

3. Script init\_db.php initializes SQLite database frames.db.

4. The database has the following tables:

FRAMES

"sku" "varchar(20)"

"model" "varchar(15)"

"color\_name" "varchar(48)"

"color\_code" "varchar(10)"

"size" "int"

"lens\_color" "varchar(48)"

"suggested\_retail\_price" "float"

"wholesale\_price" "float"

"lens\_material" "varchar(20)"

"photochromic" "char(1)"

"polarized" "char(1)"

"standard" "char(1)"

"temple\_length" "float"

"bridge\_size" "float"

"lens\_witdth" "float"

"lens\_height" "float"

"rx\_able" "char(1)"

"front\_color" "varchar(30)"

"shape" "varchar(20)"

"type" "varchar(10)"

"temple\_material" "varchar(32)"

"front\_material" "varchar(32)"

"gender" "varchar(6)"

"collection" "varchar(15)"

"new" "char(1)"

"theme" "varchar(15)"

"brand\_name" "varchar(15)"

"brand\_code" "varchar(5)"

products

variations

tags

categories

PRODUCTS

"id" "decimal(10,0)"

"model" "varchar(15)"

"lens\_color" "varchar(48)"

"lens\_material" "varchar(20)"

"photochromic" "char(1)"

"polarized" "char(1)"

"standard" "char(1)"

"temple\_length" "float"

"bridge\_size" "float"

"lens\_witdth" "float"

"lens\_height" "float"

"rx\_able" "char(1)"

"front\_color" "varchar(30)"

"shape" "varchar(20)"

"type" "varchar(10)"

"temple\_material" "varchar(32)"

"front\_material" "varchar(32)"

"gender" "varchar(6)"

"collection" "varchar(15)"

"new" "char(1)"

"theme" "varchar(15)"

"brand\_name" "varchar(15)"

"brand\_code" "varchar(5)"

"tags" "varchar(48)"

"uid" "INTEGER"

VARIATIONS:

"id" "decimal(10,0)"

"sku" "varchar(20)"

"model" "varchar(15)"

"color\_name" "varchar(48)"

"color\_code" "varchar(10)"

"size" "int"

"suggested\_retail\_price" "float"

"wholesale\_price" "float"

"photo\_url" "varchar(128)"

TAGS:

"id" "decimal(10,0)"

"name" "varchar(32)"

CATEGORIES:

"id" "decimal(10,0)"

"name" "varchar(32)"

5. Script import\_data.php has to be executed with a single parameter, i.e.

php import\_data.php <step>

Where <step> could be one of the following:

1 – Step 1 which simply loads data from the data file into table frames

2 – Step 2 which processes all data from table frames into tables products and variations and, leveraging WooCommerce API, for each unique frame model, the following actions are performed:

* The new product is created on the target WorldPress eCommerce site. The unique ID of the new product is returned from the API call and is used to update the record in the PRODUCTS table
* The images of all variations are uploaded and unique IDs are assigned and used to update the corresponding records in the VARIATIONS table
* All relevant variations of the product are created and their unique IDs are returned and used to update the corresponding records in the VARIATIONS table

3 – Step 1 and Step 2 are performed in sequence