

CURRENT STATE OF IMPORT IN MAGENTO

Differences between Magento 1 & 2 and options to
workaround

NILS PREUSS

- Magento since 2009
- Technical lead ecommerce
- Polo Motorrad & Sportswear GmbH
- Twitter: [@tutnix](https://twitter.com/tutnix)
- Github: <https://github.com/nhp>

MAGENTO 1

- CE 1.5
- model-api
- import/export
- soap/rest-api

MODEL-API

- slow
- slow
- calls save()
- events dispatched

IMPORT/EXPORT

- csv based
- one value per ROW
- not erverything importable
- only from admin-backend

SOAP/REST API

- even slower
- uses model-api internally

ALTERNATIVES

- Magmi
- wrappers around import/export

https://github.com/avstudnitz/AvS_FastSimpleImport

https://github.com/ho-nl/Ho_Import

many more

MAGENTO 2

- model-api
- SOAP/REST-api
- import/export

MODEL/SOAP/REST-API

- still way to slow because of how it works

IMPORT/EXPORT

- CSV
- many improvements
- 81 fixed columns
- still not fully working
- not automatable by default

GENERAL IMPROVEMENTS

- External images
- Bundled products
- Custom options
- Image attributes
- custom options

CSV-FORMAT IMPROVEMENTS

- one line per sku
- UTF-8 support
- multiple values per attribute per field delimited by |
- multiple attributes per field, delimited by ,

CUSTOM ATTRIBUTES

```
... ,additional_attributes, ...  
... ,"taste=salty,package=2pcs|4pcs", ...
```

BUNDLED PRODUCTS

```
bundle_price_type  
bundle_price_view  
bundle_sku_type  
bundle_weight_type  
bundle_values  
- type  
- name  
- sku  
- required  
- price  
- price-type  
- default-qty
```

EXAMPLE

```
"name=Fork Spring,type=radio,required=1,sku=7091209,  
price=0.0000,default=1,default_qty=1.0000, price_type=fixed|  
name=Fork Spring,type=radio,required=1,sku=7091208,  
price=0.0000,default=0,default_qty=1.0000, price_type=fixed"
```

CUSTOM OPTIONS

```
custom_options  
"name=Opt1,type=drop_down,sku=1,required=0,price=3.5000,  
option_title=foo|name=Opt2,type=drop_down,sku=2,  
required=1,price=0.03,option_title=bar"
```

PITFALLS

- no errors if linked SKU is non-existent
- removing links/associations does not work (still an issue with saving empty fields)

STILL MISSING STUFF

- downloadables
- videos
- empty attributes
- no attribute/attribute option creation

OPTIONS FOR IMPROVING THE SITUATION

- automate the csv import
<https://github.com/firebearstudio/importexport>
- omit csv by using a wrapper to be able to use pure data-array
- fixing problems by enabling import of stuff so export>import yields correct data
- extend the current import to add new options of what to import

FASTSIMPLEIMPORT 2

- replace csv files with data arrays
 - demo module as tutorial how the array should look like
 - improve functionality in FastSimpleExtender
- https://github.com/firegento/FireGento_FastSimpleImport2

FAST SIMPLE EXTENDER

- separate format from functionality
- new functionality will be added here
- very early stage

https://github.com/firegento/FireGento_ExtendedImport2

RESOURCE

<https://github.com/firebearstudio/importexport>

https://github.com/firegento/FireGento_FastSimpleImport2

https://github.com/firegento/FireGento_ExtendedImport2

ANSWERS