OXID eSales
Documentation
ERP interface (CSV)
Protocol version 2.15.0

Copyright

Copyright © 2018 OXID eSales AG, Germany

All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the prior written permission of OXID eSales AG.

Decompilation of source code, piracy as well as transfer to a third party is not allowed.

Use of this content for any other purpose is expressly prohibited and may result in severe civil and criminal penalties. Violators will be prosecuted to the maximum extent possible.

The information contained within this document was created accordingly to the state of the art technology.

OXID eSales AG assumes no liability or warranty for the accuracy, the completeness or reliability of any content.

In spite of all efforts, the occurrence of mistakes cannot be eliminated completely.

Thus we appreciate any tips.

Conventions

The following typographical conventions are used in this document:

*cursive font*

used for file names, file paths, email addresses and URLs.

non-proportional font

used for code examples and names of code elements.

*Non-proportional cursive font*

used for navigation steps.

Legal Notice

OXID eSales AG

Bertoldstraße 48

79098 Freiburg

Germany

Fon: +49 (761) 36889 0

Fax: +49 (761) 36889 29

Represented by the Management Board: Roland Fesenmayr (CEO), Dr. Oliver Ciupke

Supervisory Board: Michael Schlenk (Chairman)

Commercial Register Freiburg

No. HRB 701648

Table of Contents

[Copyright 2](#_Toc518044976)

[Conventions 2](#_Toc518044977)

[Legal Notice 2](#_Toc518044978)

[Table of Contents 3](#_Toc518044979)

[About this document 6](#_Toc518044980)

[About the interface 6](#_Toc518044981)

[1 Installation 6](#_Toc518044982)

[1.1 Activate module in OXID eShop 7](#_Toc518044983)

[1.2 Deleting temporary files 7](#_Toc518044984)

[2 File format conventions for import 7](#_Toc518044985)

[2.1 Data field specifications 7](#_Toc518044986)

[2.2 Replacement table 7](#_Toc518044987)

[2.3 Import file requirements 7](#_Toc518044988)

[3 Importing 8](#_Toc518044989)

[3.1 By Cronjob 8](#_Toc518044990)

[4 Import interface 8](#_Toc518044991)

[4.1 Changes in multishop handling 8](#_Toc518044992)

[4.2 Version line 9](#_Toc518044993)

[4.3 Create/update products 9](#_Toc518044994)

[4.4 Update extended properties of products 16](#_Toc518044995)

[4.5 Delete products 16](#_Toc518044996)

[4.6 Create/Update categories 17](#_Toc518044997)

[4.7 Delete categories 19](#_Toc518044998)

[4.8 Create/Update vendors 19](#_Toc518044999)

[4.9 Delete Vendor 20](#_Toc518045000)

[4.10 Create/Update manufacturers 20](#_Toc518045001)

[4.11 Delete Manufacturer 21](#_Toc518045002)

[4.12 Create/update crossselling assignment 22](#_Toc518045003)

[4.13 Delete Crossselling assignment 22](#_Toc518045004)

[4.14 Create/Update Accessory assignment 22](#_Toc518045005)

[4.15 Delete Accessory Assignment 22](#_Toc518045006)

[4.16 Create/Update File records 23](#_Toc518045007)

[4.17 Delete File record 24](#_Toc518045008)

[4.18 Create/Update Category assignments 24](#_Toc518045009)

[4.19 Set main category 25](#_Toc518045010)

[4.20 Delete Category assignment 25](#_Toc518045011)

[4.21 Create/update action assignment 25](#_Toc518045012)

[4.22 Delete action assignment 26](#_Toc518045013)

[4.23 Create/update scale prices 26](#_Toc518045014)

[4.24 Delete scale prices 26](#_Toc518045015)

[4.25 Create/update orders 27](#_Toc518045016)

[4.26 Delete orders 30](#_Toc518045017)

[4.27 Create/update product assignments to orders 31](#_Toc518045018)

[4.28 Delete product assignments to orders 33](#_Toc518045019)

[4.29 Create/Update file assignments to orders 33](#_Toc518045020)

[4.30 Delete file assignments to orders 34](#_Toc518045021)

[4.31 Change order status 35](#_Toc518045022)

[4.32 Create/update product assignments to vendors 35](#_Toc518045023)

[4.33 Delete product assignments to vendors 35](#_Toc518045024)

[4.34 Create/update product assignments to manufacturers 36](#_Toc518045025)

[4.35 Delete product assignments to manufacturers 36](#_Toc518045026)

[4.36 Updating stock 36](#_Toc518045027)

[4.37 Create/update users 36](#_Toc518045028)

[4.38 Delete users 38](#_Toc518045029)

[4.39 Create/Update countries 39](#_Toc518045030)

[4.40 Delete Countries 40](#_Toc518045031)

[4.41 Create/Update attributes 40](#_Toc518045032)

[4.42 Delete Attributes 40](#_Toc518045033)

[4.43 Create/Update Attribute assignments 40](#_Toc518045034)

[4.44 Delete Attribute assignment 41](#_Toc518045035)

[4.45 Create/Update contents 41](#_Toc518045036)

[4.46 Delete Contents 42](#_Toc518045037)

[4.47 Create/Update contents 43](#_Toc518045038)

[5 Export interface 44](#_Toc518045039)

[5.1 Changes in multishop handling 44](#_Toc518045040)

[5.2 Sorting export data 44](#_Toc518045041)

[5.3 Login 44](#_Toc518045042)

[5.4 OXERPGetCategory 45](#_Toc518045043)

[5.5 OXERPGetCategories 45](#_Toc518045044)

[5.6 OXERPGetArticle 46](#_Toc518045045)

[5.7 OXERPGetArticles 46](#_Toc518045046)

[5.8 OXERPGetFile 46](#_Toc518045047)

[5.9 OXERPGetFiles 47](#_Toc518045048)

[5.10 OXERPGetArticleCategory 47](#_Toc518045049)

[5.11 OXERPGetArticleAction 48](#_Toc518045050)

[5.12 OXERPGetArticleCrossselling 48](#_Toc518045051)

[5.13 OXERPGetArticleScalePrice 49](#_Toc518045052)

[5.14 OXERPGetArticleAccessoire 49](#_Toc518045053)

[5.15 OXERPGetArticleStock 50](#_Toc518045054)

[5.16 OXERPGetOrder 50](#_Toc518045055)

[5.17 OXERPGetOrderArticle 50](#_Toc518045056)

[5.18 OXERPGetOrderFiles 51](#_Toc518045057)

[5.19 OXERPGetVendor 51](#_Toc518045058)

[5.20 OXERPGetArticleVendor 51](#_Toc518045059)

[5.21 OXERPGetVendorArticles 52](#_Toc518045060)

[5.22 OXERPGetManufacturer 52](#_Toc518045061)

[5.23 OXERPGetArticleManufacturer 52](#_Toc518045062)

[5.24 OXERPGetManufacturerArticles 53](#_Toc518045063)

[5.25 OXERPGetUser 53](#_Toc518045064)

[5.26 OXERPGetUsers 54](#_Toc518045065)

[5.27 OXERPGetOrders 55](#_Toc518045066)

[5.28 OXERPGetVendors 55](#_Toc518045067)

[5.29 OXERPGetManufacturers 55](#_Toc518045068)

[5.30 OXERPCallPlugin 56](#_Toc518045069)

[5.31 OXERPGetAttributes 56](#_Toc518045070)

[5.32 OXERPGetArticleAttributes 57](#_Toc518045071)

[5.33 OXERPGetContent 57](#_Toc518045072)

[6 Using custom fields 57](#_Toc518045073)

[6.1 Example 57](#_Toc518045074)

[6.2 Extending ERP with plugins 58](#_Toc518045075)

[6.3 Creating a plugin 58](#_Toc518045076)

[6.4 Sample plugin 58](#_Toc518045077)

[6.5 Data flow of the sample plugin 59](#_Toc518045078)

[6.6 oxGetActionArticlesPlugin 60](#_Toc518045079)

[6.7 oxGetArticleVariantsPlugin 60](#_Toc518045080)

[6.8 oxGetConfigParametersPlugin 60](#_Toc518045081)

[6.9 oxSearchPlugin 61](#_Toc518045082)

[7 Expandability of CSV interface 62](#_Toc518045083)

[7.1 Define new attribute object 62](#_Toc518045084)

[7.2 Implementing function in oxerpgateway.php 63](#_Toc518045085)

[7.3 Import definition in oxerpcsv.php 63](#_Toc518045086)

[7.4 Using new OXERPSetAttribute function 63](#_Toc518045087)

[7.5 Registering function in oxerpcsvexport.php 64](#_Toc518045088)

About this document

This document describes the protocol version 2.15.0 of the ERP CSV interface for OXID eShop version 6.0.0 and higher.

Older protocol versions are further on supported. Valid protocol versions are:

* 2.2.0
* 2.3.0
* 2.4.0
* 2.5.0
* 2.6.0
* 2.7.0
* 2.8.0
* 2.9.0
* 2.10.0
* 2.11.0
* 2.12.0
* 2.13.0
* 2.14.0
* 2.15.0

For details of each protocol version, refer to the according documentation.

About the interface

The CSV interface is used for importing and exporting eShop data (e.g. products, categories, users etc.).

* The import is made from files which were uploaded to the server.
* The export is done by calling a particular URL.
* This URL must contain the version parameter &version=X.X.X

In testdata\_examples directory sample import files for each protocol version are given.

# Installation

This chapter describes the installation of the ERP CSV interface for the OXID eShop versions 6. The ERP CSV interface has to be installed with composer, an application-level package manager for the PHP

Programming language.

To install the ERP module navigate to the folder where the *composer.json* is located and run the following commands.

composer config repositories.oxid-esales/erp-module composer https://erp.packages.oxid-esales.com
composer require oxid-esales/erp-module

Please contact our Technical Support to receive the necessary credentials.

## Activate module in OXID eShop

The ERP CSV interface has to be activated in the shop. In the **Overview** tab of the module, click the **Activate** button.

## Deleting temporary files

Delete all files and folders except for *.htaccess* from the */tmp* folder of your shop.

# File format conventions for import

* Text files with Windows line breaks
* character encoding: ANSI

## Data field specifications

* All data fields are enclosed in double quotes and separated by a semicolon.
* For numbers, a point is used as decimal separator.
* Leading zeros are omitted.
* For fields filled with 0 or 1, 0 always means no, 1 means yes.
* Named data types are taken from MySQL database.

## Replacement table

In Import files, the following chars have to be replaced:

|  |  |  |  |
| --- | --- | --- | --- |
| **char** | **Description** | **ASCII-Code** | **Replacement** |
| CR | Carriage Return | 13 | &#13; |
| LF | Line Feed | 10 | &#10; |
| " | Double Quote  | 34 | &#34; |
| ' | Single Quote | 39 | &#39; |

## Import file requirements

The first line has to contain version information. Following data can be in any order.

# Importing

## By Cronjob

If import is to be run by a cronjob, adjust modules/path/to/ERP\_package/examplescripts/oxerpcron.php according to your needs. Change file permissions to executable.

# Import interface

At the beginning of each dataset, a char which indicates the data type is set. This char will be called "Indicator char" in the following text.

## Changes in multishop handling

Starting from ERP interface version 2.14.0, the database fields OXSHOPINCL/OXSHOPEXCL are no longer supported. Instead of having these fields, the multishop tables now have mapping tables (i.e. oxarticles table has oxarticles2shop mapping table) and the new field OXINHERITEDSHOPIDS is used.

When importing data from version 2.14.0 or higher, OXINHERITEDSHOPIDS will contain serialized array of shop IDs where this object is assigned to (i.e. oxarticle for shop 1 would have this value - 'a:1:{i:0;i:1;}'). When importing from older versions, where OXSHOPINCL/OXSHOPEXCL fields are still present, the conversion to the new multishop functionality will be handled from within ERP itself.

Note (For Professional Edition):

OXINHERITEDSHOPIDS must be left blank.

## Version line

The first line always has to contain information about the used protocol version. Example:

 "V";"2.15.0"

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(1) | [V] |  |
|  | Version number | char(255) NOT NULL default '' | [0-9.] |  |

## Create/update products

If a product with the given OXID already exists, the product is updated with the given values. Otherwise, a new product is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[1]](#footnote-1)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [A] |  |
|  | Product ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Shop ID | int(11) NOT NULL default 1 | 1 - 64 | OXSHOPID[[2]](#footnote-2) |
|  | Inherited Shop IDs | See Chapter 4.1 | See Chapter 4.1 | OXINHERITEDSHOPIDS |
|  | Parent-IDFor variants: OXID of parent product | char(32) NOT NULL default '' | [0-9a-f.] | OXPARENTID |
|  | Active | tinyint(1) NOT NULL default '1' | [0,1] | OXACTIVE |
|  | Hidden | tinyint(1) NOT NULL default '0' | [0,1] | OXHIDDEN |
|  | Active from | datetime default 0000-00-00 00:00:00 | YYYY-MM-DD HH:MM:SS | OXACTIVEFROM |
|  | Active to | datetime default 0000-00-00 00:00:00 | YYYY-MM-DD HH:MM:SS | OXACTIVETO |
|  | Product number | varchar(255) NOT NULL default '' | [SPACE-~][[3]](#footnote-3) | OXARTNUM |
|  | EAN | varchar(13) NOT NULL default '' | [0-9] | OXEAN |
|  | EAN of distributor | varchar(13) NOT NULL default '' | [0-9] | OXDISTEAN |
|  | EAN of manufacturer | varchar(100) NOT NULL default '' | [0-9] | OXMPN |
|  | Title | varchar(255) NOT NULL default '' | [SPACE-~] | OXTITLE |
|  | Short description | varchar(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC |
|  | Price | double NOT NULL default '0' | -1.7976931348623157 E+308 to-2.2250738585072014 E-308, 0, and 2.2250738585072014 E-308 to 1.7976931348623157 E+308[[4]](#footnote-4) | OXPRICE |
|  | Product has fixed price | tinyint(1) NOT NULL default '0' | [0,1] | OXBLFIXEDPRICE |
|  | Price A | double NOT NULL default '0' | -1.7976931348623157 E+308 to-2.2250738585072014 E-308, 0, and 2.2250738585072014 E-308 to 1.7976931348623157 E+308 | OXPRICEA |
|  | Price B | double NOT NULL default '0' | see above | OXPRICEB |
|  | Price C | double NOT NULL default '0' | see above | OXPRICEC |
|  | Purchase price | double NOT NULL default '0' | see above | OXBPRICE |
|  | RRP | double NOT NULL default '0' | see above | OXTPRICE |
|  | Unit | varchar(32) NOT NULL default '' | [SPACE-~] | OXUNITNAME |
|  | Quantity  | double NOT NULL default '0' | see field 15 | OXUNITQUANTITY |
|  | External URL | varchar(255) NOT NULL default '' | valid URL without *http://* | OXEXTURL |
|  | Short description for external URL  | varchar(255) NOT NULL default '' | [SPACE-~] | OXURLDESC |
|  | URL of picture for external URL | varchar(128) NOT NULL default '' | [SPACE-~] | OXURLIMG |
|  | Special VAT for this product  | float default NULL | see field 15 | OXVAT |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~][[5]](#footnote-5) | OXTHUMB |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXICON |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC1 |
|  | Filename (without path) , Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC2 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC3 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC4 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC5 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC6 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC7 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC8 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC9 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC10 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC11 |
|  | Filename (without path), Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC12 |
|  | Weight | double NOT NULL default '0' | see field 15 | OXWEIGHT |
|  | Stock | int(11) NOT NULL default '-1'[[6]](#footnote-6) | 0 – 2147483647 | OXSTOCK |
|  | Delivery Status | enum('1','2','3','4') NOT NULL default '1' | 1. Standard
2. If out of Stock, offline
3. If out of Stock, not orderable
4. External Storehouse
 | OXSTOCKFLAG |
|  | In Stock Message | varchar(255) NOT NULL default '' | [SPACE-~] | OXSTOCKTEXT |
|  | Out of Stock Message | varchar(255) NOT NULL default '' | [SPACE-~] | OXNOSTOCKTEXT |
|  | Available on | date NOT NULL default '0000-00-00' | YYYY-MM-DD | OXDELIVERY |
|  | Date of creation (is ignored, actual date taken instead) | date NOT NULL default '0000-00-00' | YYYY-MM-DD | OXINSERT |
|  | Date of last change (is ignored, actual date taken instead) | timestamp NOT NULL default CURRENT\_TIMESTAMP on update CURRENT\_TIMESTAMP | YYYY-MM-DD HH:MM:SS | OXTIMESTAMP |
|  | Length | double NOT NULL default '0' | see field 15 | OXLENGTH |
|  | Width | double NOT NULL default '0' | see field 15 | OXWIDTH |
|  | Height | double NOT NULL default '0' | see field 15 | OXHEIGHT |
|  | File | varchar(128) NOT NULL default '' | [SPACE-~] | OXFILE |
|  | Search Terms | varchar(255) NOT NULL default '' | [SPACE-~] | OXSEARCHKEYS |
|  | Alt. Template | varchar(128) NOT NULL default '' | [SPACE-~] | OXTEMPLATE |
|  | Alt. Contact | varchar(255) NOT NULL default '' | valid e-Mail address | OXQUESTIONEMAIL |
|  | Searchable | tinyint(1) NOT NULL default '1' | [0,1] | OXISSEARCH |
|  | Is product configurable with persistent parameters, Default '0' | tinyint(1) NOT NULL default '0' | [0,1] | OXISCONFIGURABLE |
|  | For variants: Name of variant selection (e.g. Color) | varchar(255) NOT NULL default '' | [SPACE-~] | OXVARNAME |
|  | Stock of all variants | int(5) NOT NULL default '0' | 0 – 2147483647 | OXVARSTOCK |
|  | Amount of variants | int(1) NOT NULL default '0' | 0 – 2147483647 | OXVARCOUNT |
|  | Name of variant (e.g. *green*) | varchar(255) NOT NULL default '' | [SPACE-~] | OXVARSELECT |
|  | lowest price of all variants | double NOT NULL default '0' | see field 15 | OXVARMINPRICE |
|  | highest price of all variants | double NOT NULL default '0' | see field 15 | OXVARMAXPRICE |
|  | Name of variant selection in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXVARNAME\_1 |
|  | Name of variant in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXVARSELECT\_1 |
|  | Name of variant selection in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXVARNAME\_2 |
|  | Name of variant in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXVARSELECT\_2 |
|  | Name of variant selection in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXVARNAME\_3 |
|  | Name of variant in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXVARSELECT\_3 |
|  | Title in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_1 |
|  | Short description in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_1 |
|  | URL description in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXURLDESC\_1 |
|  | Search terms in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSEARCHKEYS\_1 |
|  | Title in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_2 |
|  | Short description in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_2 |
|  | URL description in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXURLDESC\_2 |
|  | Search terms in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSEARCHKEYS\_2 |
|  | Title in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_3 |
|  | Short description in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_3 |
|  | URL description in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXURLDESC\_3 |
|  | Search terms in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSEARCHKEYS\_3 |
|  | Bundled article ID | varchar(32) NOT NULL default '' | [SPACE-~] | OXBUNDLEID |
|  | (always empty) | varchar(32) NOT NULL default '' | always empty | OXFOLDER |
|  | class  | varchar(32) NOT NULL default '' | always *oxarticle* | OXSUBCLASS |
|  | In Stock Message in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSTOCKTEXT\_1 |
|  | In Stock Message in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSTOCKTEXT\_2 |
|  | In Stock Message in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXSTOCKTEXT\_3 |
|  | Out of Stock Message in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXNOSTOCKTEXT\_1 |
|  | Out of Stock Message in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXNOSTOCKTEXT\_2 |
|  | Out of Stock Message in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXNOSTOCKTEXT\_3 |
|  | Sorting | int(5) NOT NULL default '0' | 0 – 2147483647 | OXSORT |
|  | Amount of sold units | double NOT NULL default '0' | see field 15 | OXSOLDAMOUNT |
|  | Intangible Product | int(1) NOT NULL default '0' | [0,1] | OXNONMATERIAL |
|  | Free Shipping | int(1) NOT NULL default '0' | [0,1] | OXFREESHIPPING |
|  | Send e-mail if Stock falls below Value | int(1) NOT NULL default '0' | [0,1] | OXREMINDACTIVE |
|  | Value for low Stock e-mail | double NOT NULL default '0' | see field 15 | OXREMINDAMOUNT |
|  | (always empty) | varchar(32) NOT NULL default '' | always empty | OXAMITEMID |
|  | (always empty) | varchar(16) NOT NULL default '0' | always empty | OXAMTASKID |
|  | Vendor ID | varchar(32) NOT NULL default '' | [0-9a-f.] | OXVENDORID |
|  | Manufacturer ID | char(32) NOT NULL default '' | [0-9a-f.] | OXMANUFACTURERID |
|  | Skip all negative Discounts | tinyint(1) NOT NULL default '0' | [0,1] | OXSKIPDISCOUNTS |
|  | Additional info in order confirmation | varchar(255) NOT NULL | [SPACE-~] | OXORDERINFO  |
|  | Export to pixi\* | tinyint(4) NOT NULL default '0' | [0,1] | OXPIXIEXPORT  |
|  | Export to pixi\* timestamp | timestamp NOT NULL default '0000-00-00 00:00:00' | YYYY-MM-DD HH:MM:SS | OXPIXIEXPORTED[[7]](#footnote-7) |
|  | Packaging unit | int(11) NOT NULL default '1' | 0 – 2147483647 | OXVPE  |
|  | Average rating  | Double NOT NULL default '0' | see field 15 | OXRATING |
|  | Amount of ratings | Int (11) NOT NULL default '0' | 0 – 2147483647 | OXRATINGCNT |
|  | Minimal delivery time | Int (11) NOT NULL default '0' | 0 – 2147483647 | OXMINDELTIME |
|  | Maximal delivery time | Int (11) NOT NULL default '0' | 0 – 2147483647 | OXMAXDELTIME |
|  | Delivery time unit | varchar(255) NOT NULL default '' | [SPACE-~] | OXDELTIMEUNIT |
|  | Long description | text | [SPACE-~] | OXLONGDESC |
|  | Long description in language 1 | text NOT NULL | [SPACE-~] | OXLONGDESC\_1 |
|  | Long description in language 2 | text NOT NULL | [SPACE-~] | OXLONGDESC\_2 |
|  | Long description in language 3 | text NOT NULL | [SPACE-~] | OXLONGDESC\_3 |
|  | Update price | double NOT NULL default '0' | see field 16 | OXUPDATEPRICE |
|  | Update Price A | double NOT NULL default '0' | see field 16 | OXUPDATEPRICEA |
|  | Update price B | double NOT NULL default '0' | see field 16 | OXUPDATEPRICEB |
|  | Update price C | double NOT NULL default '0' | see field 16 | OXUPDATEPRICEC |
|  | Update price time | timestamp NOT NULL default '0000-00-00 00:00:00' | YYYY-MM-DD HH:MM:SS | OXUPDATEPRICETIME |
|  | Is this product downloadable | tinyint(1) NOT NULL default '0' | [0,1] | OXISDOWNLOADABLE |
|  | Has custom agreement | tinyint(1) NOT NULL default '1' | [0,1] | OXSHOWCUSTOMAGREEMENT |

## Update extended properties of products

With this function long descriptions can be imported for existing products.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[8]](#footnote-8)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [Y] |  |
|  | Product ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | long description | text | [SPACE-~] | OXLONGDESC |
|  | Long description in language 1 | text NOT NULL | [SPACE-~] | OXLONGDESC\_1 |
|  | Long description in language 2 | text NOT NULL | [SPACE-~] | OXLONGDESC\_2 |
|  | Long description in language 3 | text NOT NULL | [SPACE-~] | OXLONGDESC\_3 |

## Delete products

When deleting a product, all assignments for this product (crossselling, categories etc.) are deleted from database aswell.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XA] |  |
|  | Product number | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/Update categories

If a category with the given OXID already exists, the category is updated with the given values. Otherwise, a new category is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[9]](#footnote-9)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [K] |  |
|  | Category ID | varchar(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Parent category ID | varchar(32) NOT NULL default '' | [0-9a-f.] | OXPARENTID |
|  | Nested category tree left | int(11) NOT NULL default '0' | 0 to 2147483647 | OXLEFT |
|  | Nested category tree right | int(11) NOT NULL default '0' | 0 to 2147483647 | OXRIGHT |
|  | Nested Category tree root  | varchar(32) NOT NULL default '' | [0-9a-f.] | OXROOTID |
|  | Sorting | int(11) NOT NULL default '9999' | 0 to 2147483647 | OXSORT |
|  | Active | tinyint(1) NOT NULL default '1' | [0,1] | OXACTIVE |
|  | Hidden | tinyint(1) NOT NULL default '0' | [0,1] | OXHIDDEN |
|  | Shop-ID of Shop in which Category was created | int(11) NOT NULL default 1 | 1 to 64 | OXSHOPID  |
|  | Inherited Shop IDs | See Chapter 4.1 | See Chapter 4.1 | OXINHERITEDSHOPIDS |
|  | Title | varchar(254) NOT NULL default '' | [SPACE-~] | OXTITLE |
|  | Short description | varchar(255) NOT NULL default '' | [SPACE-~] | OXDESC |
|  | Long description | text NOT NULL | [SPACE-~] | OXLONGDESC |
|  | Filename of thumbnail (without path) | varchar(128) NOT NULL default '' | [SPACE-~] | OXTHUMB |
|  | Filename of thumbnail (without path) in language 1 | varchar(128) NOT NULL default '' | [SPACE-~] | OXTHUMB\_1 |
|  | Filename of thumbnail (without path) in language 2 | varchar(128) NOT NULL default '' | [SPACE-~] | OXTHUMB\_2 |
|  | Filename of thumbnail (without path) in language 3 | varchar(128) NOT NULL default '' | [SPACE-~] | OXTHUMB\_3 |
|  | External URL | varchar(255) NOT NULL default '' | valid URL | OXEXTLINK |
|  | Alt. Template | varchar(128) NOT NULL default '' | [SPACE-~] | OXTEMPLATE |
|  | Fast sorting(field name from oxarticles) | varchar(64) NOT NULL default '' | [a-z] | OXDEFSORT |
|  | sorting mode (asc/desc) | tinyint(1) NOT NULL default '0' | [0,1] | OXDEFSORTMODE |
|  | Price from  | double | -1.7976931348623157 E+308 to-2.2250738585072014 E-308, 0, and 2.2250738585072014 E-308 to 1.7976931348623157 E+308 | OXPRICEFROM |
|  | Price to | double NOT NULL | see above | OXPRICETO |
|  | Active in language 1 | char(1) NOT NULL default '' | [0,1] | OXACTIVE\_1 |
|  | Title in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_1 |
|  | Short description in language 1 | varchar(255) NOT NULL default '' | [SPACE-~] | OXDESC\_1 |
|  | Long description in language 1 | text NOT NULL | [SPACE-~] | OXLONGDESC\_1 |
|  | Active in language 2 | char(1) NOT NULL default '' | [0,1] | OXACTIVE\_2 |
|  | Title in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_2 |
|  | Short description in language 2 | varchar(255) NOT NULL default '' | [SPACE-~] | OXDESC\_2 |
|  | Long description in language 2 | text NOT NULL | [SPACE-~] | OXLONGDESC\_2 |
|  | Active in language 3 | char(1) NOT NULL default '' | [0,1] | OXACTIVE\_3 |
|  | Title in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_3 |
|  | Short description in language 3 | varchar(255) NOT NULL default '' | [SPACE-~] | OXDESC\_3 |
|  | Long description in language 3 | text NOT NULL | [SPACE-~] | OXLONGDESC\_3 |
|  | Filename of category image (without path) | varchar(128) NOT NULL | [SPACE-~] | OXICON |
|  | Filename of category promotion icon | varchar(128) NOT NULL | [SPACE-~] | OXPROMOICON |
|  | Special VAT | float default NULL |  | OXVAT |
|  | Skip all negative Discounts | tinyint(1) NOT NULL default '0' | [0,1] | OXSKIPDISCOUNTS |
|  | Show SEO Suffix in Category | tinyint(1) NOT NULL default '1' | [0,1] | OXSHOWSUFFIX |

## Delete categories

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XK] |  |
|  | Category ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/Update vendors

If a vendor with the given OXID already exists, the vendor is updated with the given values. Otherwise, a new vendor is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[10]](#footnote-10)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [H] |  |
|  | Vendor ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Shop ID of Shop in which vendor was created | int(11) NOT NULL default 1 | 1 to 64 | OXSHOPID |
|  | Inherited Shop IDs | See Chapter 4.1 | See Chapter 4.1 | OXINHERITEDSHOPIDS |
|  | Active | tinyint(1) NOT NULL default '1' | [0,1] | OXACTIVE |
|  | Filename of Icon | char(128) NOT NULL default '' | [SPACE-~] | OXICON |
|  | Title | char(255) NOT NULL default '' | [SPACE-~] | OXTITLE |
|  | Short description | char(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC |
|  | Title in language 1 | char(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_1 |
|  | Short description in language 1 | char(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_1 |
|  | Title in language 2 | char(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_2 |
|  | Short description in language 2 | char(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_2 |
|  | Title in language 3 | char(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_3 |
|  | Short description in language 3 | char(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_3 |
|  | Show SEO suffix | tinyint(1) NOT NULL default '1' | [0,1] | OXSHOWSUFFIX |

## Delete Vendor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XH] |  |
|  | Vendor ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/Update manufacturers

If a manufacturer with the given OXID already exists, the manufacturer is updated with the given values. Otherwise, a new manufacturer is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[11]](#footnote-11)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [V] |  |
|  | Manufacturer ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Shop ID of Shop in which manufacturer was created | int(11) NOT NULL default 1 | 1 to 64 | OXSHOPID |
|  | Inherited Shop IDs | See Chapter 4.1 | See Chapter 4.1 | OXINHERITEDSHOPIDS |
|  | Active | tinyint(1) NOT NULL default '1' | [0,1] | OXACTIVE |
|  | Filename of Icon | char(128) NOT NULL default '' | [SPACE-~] | OXICON |
|  | Title | char(255) NOT NULL default '' | [SPACE-~] | OXTITLE |
|  | Short description | char(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC |
|  | Title in language 1 | char(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_1 |
|  | Short description in language 1 | char(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_1 |
|  | Title in language 2 | char(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_2 |
|  | Short description in language 2 | char(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_2 |
|  | Title in language 3 | char(255) NOT NULL default '' | [SPACE-~] | OXTITLE\_3 |
|  | Short description in language 3 | char(255) NOT NULL default '' | [SPACE-~] | OXSHORTDESC\_3 |
|  | Show SEO suffix | tinyint(1) NOT NULL default '1' | [0,1] | OXSHOWSUFFIX |

## Delete Manufacturer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XV] |  |
|  | Manufacturer ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/update crossselling assignment

If a crossselling assignment with the given OXID already exists, the crossselling assignment is updated with the given values. Otherwise, a new crossselling assignment is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[12]](#footnote-12)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [C] |  |
|  | ID of product which is assigned as crossselling | char(32) NOT NULL default '' | [SPACE-~] | OXOBJECTID |
|  | ID of the product to which the other product is assigned to. | char(32) NOT NULL default '' | [SPACE-~] | OXARTICLENID  |
|  | Sorting | int(5) NOT NULL default '0' | 0 to 2147483647 | OXSORT |
|  | Crossselling assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Delete Crossselling assignment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XC] |  |
|  | Crossselling assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/Update Accessory assignment

If an accessory assignment with the given OXID already exists, the accessory assignment is updated with the given values. Otherwise, a new accessory assignment is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[13]](#footnote-13)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [Z] |  |
|  | ID of product which is assigned as accessory  | char(32) NOT NULL default '' | [SPACE-~] | OXOBJECTID |
|  | ID of the product to which the other product is assigned to. | char(32) NOT NULL default '' | [SPACE-~] | OXARTICLENID  |
|  | Sorting | int(5) NOT NULL default '0' | 0 to 2147483647 | OXSORT |
|  | Accessory assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Delete Accessory Assignment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XZ] |  |
|  | Accessory assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/Update File records

If a file record with the given OXID already exists, the file record is updated with the given values. Otherwise, a new file record is created.

| **#[[14]](#footnote-14)** | **Content/Example** | **Data type** | **Range** | **Field name[[15]](#footnote-15)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [J] |  |
|  | File ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXARTID |
| 1. [[16]](#footnote-16)
 | File name (without path) | varchar(128) NOT NULL default '' | [0-9a-f.] | OXFILENAME |
| 1. [[17]](#footnote-17)
 | File store content MD5 hash, **for manual uploads leave empty** | char(32) NOT NULL default '' | [0-9a-f.] | OXSTOREHASH |
|  | File can be downloaded only after it’s paid for it  | tinyint(4) NOT NULL default '0' | [0,1] | OXPURCHASEDONLY |
|  | Maximum downloads count | int(11) NOT NULL default '0' | -1 to 2147483647 | OXMAXDOWNLOADS |
|  | Maximum unregistered user download | int(11) NOT NULL default '0' | -1 to 2147483647 | OXMAXUNREGDOWNLOADS |
|  | Link expire time | int(11) NOT NULL default '0' | -1 to 2147483647 | OXLINKEXPTIME |
|  | Download expire time | int(11) NOT NULL default '0' | -1 to 2147483647 | OXDOWNLOADEXPTIME |

**Example of creating new downloadable product file record:**

1. Upload file via FTP or other file transfer protocol to shop folder: "/out/downloads/uploads/".
2. For manually uploaded files field "OXSTOREHASH" **must be empty**.
3. Specify only file name with extension (without path) in the field "OXFILENAME".
4. Call CSV import with similar data:

*"V";"2.15.0"*

*"J";"myFileID";"myProductID";"myUploadedFileName.ext";"";"0";"-1";"-1";"-1";"-1"*

**Important**: Do not change field "OXSTOREHASH" content for files, uploaded via admin interface, because this field specifies file download location.

## Delete File record

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XJ] |  |
|  | File ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

Before deleting record make sure, that where are no orders with reference to file record.

## Create/Update Category assignments

If a category assignment with the given OXID already exists, the category assignment is updated with the given values. Otherwise, a new category assignment is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[18]](#footnote-18)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [T] |  |
|  | category assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Shop-ID | int(11) NOT NULL default 1 | 1 to 64 | OXSHOPID |
|  | Inherited Shop IDs | See Chapter 4.1 | See Chapter 4.1 | OXINHERITEDSHOPIDS |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXOBJECTID |
|  | Category ID | char(32) NOT NULL default '' | [0-9a-f.] | OXCATNID |
|  | Sorting | int(11) NOT NULL default '0' | 0 to 2147483647 | OXPOS |
|  | Timestamp (The entry with the oldest timestamp is automatically set as main category) | int(11) NOT NULL default '0' | 0 to 2147483647 | OXTIME |

##

## Set main category

If a main category is already set, the setting is overwritten.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [M] |  |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXOBJECTID |
|  | Category ID | char(32) NOT NULL default '' | [0-9a-f.] | OXCATNID |

## Delete Category assignment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XT] |  |
|  | Category Assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/update action assignment

If an action assignment with the given OXID already exists, the action assignment is updated with the given values. Otherwise, a new action assignment is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[19]](#footnote-19)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [I] |  |
|  | Shop-ID | int(11) NOT NULL default 1 | 1 – 64 | OXSHOPID |
|  | Action ID | char(32) NOT NULL default '' | oxstart front pageoxtopstartTop offer front pageoxfirststartBig offer front pageoxbargainBargainoxtop5 Top of the ShopoxcatofferCategory offeroxnewestJust arrived | OXACTIONID |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXARTID |
|  | Sorting | int(11) NOT NULL default '0' | 0 to 2147483647 | OXSORT |
|  | Action assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Delete action assignment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XI] |  |
|  | Action Assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/update scale prices

If a scale price with the given OXID already exists, the scale price is updated with the given values. Otherwise, a new scale price is created.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[20]](#footnote-20)** |
|  | Indicator char | char(1) | [P] |  |
|  | Scale price ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Shop ID | int(11) NOT NULL default 1 | 1 to 64 | OXSHOPID |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXARTID |
|  | Absolute surcharge | double NOT NULL default '0' | -1.7976931348623157 E+308 to-2.2250738585072014 E-308, 0, und 2.2250738585072014 E-308 to 1.7976931348623157 E+308 | OXADDABS |
|  | Relative surcharge in % | double NOT NULL default '0' | siehe Feld 3 | OXADDPERC |
|  | Amount from | double NOT NULL default '0' | siehe Feld 3 | OXAMOUNT |
|  | Amount to | double NOT NULL default '0' | siehe Feld 3 | OXAMOUNTTO |

## Delete scale prices

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XP] |  |
|  | Scale price ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/update orders

If an order with the given OXID already exists, the order is updated with the given values. Otherwise, a new order is created.

If OXORDERNR is set to 0, the eShop automatically creates a new order number: The highest existing order number is taken and incremented by 1.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [O] |  |
|  | Order ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Shop ID | int(11) NOT NULL default 1 | 1 to 64 | OXSHOPID |
|  | User ID | char(32) NOT NULL default '' | [0-9a-f.] | OXUSERID |
|  | Order date | datetime NOT NULL default '0000-00-00 00:00:00' | YYYY-MM-DD HH:MM:SS | OXORDERDATE |
|  | Order number | int(11) NOT NULL default '0' | 0 to 2147483647 | OXORDERNR |
|  | Billing address: company  | varchar(255) NOT NULL default '' | [SPACE-~] | OXBILLCOMPANY |
|  | Billing address: e-mail  | varchar(255) NOT NULL default '' | Gültige E-Mail-Adresse | OXBILLEMAIL |
|  | Billing address: first name | varchar(255) NOT NULL default '' | [SPACE-~] | OXBILLFNAME |
|  | Billing address: last name | varchar(255) NOT NULL default '' | [SPACE-~] | OXBILLLNAME |
|  | Billing address: Street | varchar(255) NOT NULL default '' | [SPACE-~] | OXBILLSTREET |
|  | Billing address: street number | varchar(16) NOT NULL default '' | [SPACE-~] | OXBILLSTREETNR |
|  | Billing address: Additional information  | varchar(255) NOT NULL default '' | [SPACE-~] | OXBILLADDINFO |
|  | Billing address: VAT ID | varchar(255) NOT NULL default '' | [SPACE-~] | OXBILLUSTID |
|  | VAT ID status | tinyint(1) NOT NULL default '0' | [0;1] | OXBILLUSTIDSTATUS |
|  | Billing address: city | varchar(255) NOT NULL default '' | [SPACE-~] | OXBILLCITY |
|  | Billing address: country | varchar(32) NOT NULL default '' | [SPACE-~] | OXBILLCOUNTRYID |
|  | Billing address: state | varchar(32) NOT NULL default '' | [SPACE-~] | OXBILLSTATEID |
|  | Billing address: ZIP | varchar(16) NOT NULL default '' | [SPACE-~] | OXBILLZIP |
|  | Billing address: phone | varchar(128) NOT NULL default '' | [SPACE-~] | OXBILLFON |
|  | Billing address: fax | varchar(128) NOT NULL default '' | [SPACE-~] | OXBILLFAX |
|  | Billing address: title | varchar(128) NOT NULL default '' | [SPACE-~] | OXBILLSAL |
|  | Shipping address: company | varchar(255) NOT NULL default '' | [SPACE-~] | OXDELCOMPANY |
|  | Shipping address: first name | varchar(255) NOT NULL default '' | [SPACE-~] | OXDELFNAME |
|  | Shipping address: last name | varchar(255) NOT NULL default '' | [SPACE-~] | OXDELLNAME |
|  | Shipping address: street | varchar(255) NOT NULL default '' | [SPACE-~] | OXDELSTREET |
|  | Shipping address: street number | varchar(16) NOT NULL default '' | [SPACE-~] | OXDELSTREETNR |
|  | Shipping address: additional information | varchar(255) NOT NULL default '' | [SPACE-~] | OXDELADDINFO |
|  | Shipping address: city | varchar(255) NOT NULL default '' | [SPACE-~] | OXDELCITY |
|  | Shipping address: country | varchar(32) NOT NULL default '' | [SPACE-~] | OXDELCOUNTRYID |
|  | Shipping address: state | varchar(32) NOT NULL default '' | [SPACE-~] | OXDELSTATEID |
|  | Shipping address: ZIP | varchar(16) NOT NULL default '' | [SPACE-~] | OXDELZIP |
|  | Shipping address: phone | varchar(128) NOT NULL default '' | [SPACE-~] | OXDELFON |
|  | Shipping address: fax | varchar(128) NOT NULL default '' | [SPACE-~] | OXDELFAX |
|  | Shipping address: title | varchar(128) NOT NULL default '' | [SPACE-~] | OXDELSAL |
|  | Payment ID (from table oxuserpayments) | varchar(32) NOT NULL default '' | [SPACE-~] | OXPAYMENTID |
|  | Payment type (from table oxpayments) | varchar(32) NOT NULL default '' | [SPACE-~] | OXPAYMENTTYPE |
|  | Net sum | double NOT NULL default '0' | -1.7976931348623157 E+308 to-2.2250738585072014 E-308, 0, and 2.2250738585072014 E-308 to 1.7976931348623157 E+308 | OXTOTALNETSUM |
|  | Gross sum | double NOT NULL default '0' | see above | OXTOTALBRUTSUM |
|  | Total sum (incl. Shipping costs etc.) | double NOT NULL default '0' | see above | OXTOTALORDERSUM |
|  | VAT percent 1 | double NOT NULL default '0' | see above | OXARTVAT1 |
|  | VAT price 1 | double NOT NULL default '0' | see above | OXARTVATPRICE1 |
|  | VAT percent 2 | double NOT NULL default '0' | see above | OXARTVAT2 |
|  | VAT price 2 | double NOT NULL default '0' | see above | OXARTVATPRICE2 |
|  | Shipping costs | double NOT NULL default '0' | see above  | OXDELCOST |
|  | VAT of shipping costs | double NOT NULL default '0' | see above | OXDELVAT |
|  | Payment costs | double NOT NULL default '0' | see above | OXPAYCOST |
|  | VAT of payment costs | double NOT NULL default '0' | see above | OXPAYVAT |
|  | Gift wrapping costs | double NOT NULL default '0' | see above | OXWRAPCOST |
|  | VAT of gift wrapping | double NOT NULL default '0' | see above | OXWRAPVAT |
|  | Greeting card ID | varchar(32) NOT NULL default '' | [0-9a-f.] | OXCARDID |
|  | Greeting card text | text NOT NULL | [SPACE-~] | OXCARDTEXT |
|  | Discount | double NOT NULL default '0' | see field 35 | OXDISCOUNT |
|  | Export status for Lexware | tinyint(4) | 0,1 | OXEXPORT |
|  | Invoice number | varchar(128) NOT NULL default '' | [0-9] | OXBILLNR |
|  | Tracking code | varchar(128) NOT NULL | [SPACE-~] | OXTRACKCODE |
|  | Shipping date | Datetime | YYYY-MM-DDHH:MM:SS | OXSENDDATE |
|  | Remark | text NOT NULL | [SPACE-~] | OXREMARK |
|  | Coupon discount | double NOT NULL default '0' | see field 35 | OXVOUCHERDISCOUNT |
|  | Currency | char(32) NOT NULL default '' | [SPACE-~] | OXCURRENCY |
|  | Conversion factor | double NOT NULL default '0' | see field 35 | OXCURRATE |
|  | Order folder in admin | varchar(32) | [SPACE-~] | OXFOLDER |
|  | Payment gateway Transaction ID | varchar(64) NOT NULL default '' | [SPACE-~] | OXTRANSID |
|  | Payment gatewaypayment ID | varchar(64) NOT NULL default '' | [SPACE-~] | OXPAYID |
|  | Payment gatewayX-ID | varchar(64) NOT NULL default '' | [SPACE-~] | OXXID |
|  | Paid on | varchar(64) NOT NULL default '' | YYYY-MM-DD HH:MM:SS | OXPAID |
|  | Order cancelled | tinyint(1) | [0,1] | OXSTORNO |
|  | IP number | varchar(64) NOT NULL default '' | valid IP | OXIP |
|  | Payment gateway transaction status | varchar(30) NOT NULL default '' | [SPACE-~] | OXTRANSSTATUS |
|  | language | int(2) NOT NULL default '0' | 0 to 99 | OXLANG |
|  | Invoice number | integer(11) NOT NULL | 0 to 2147483647 | OXINVOICENR |
|  | Shipping method | char(32) NOT NULL default '' | [SPACE-~] | OXDELTYPE |
|  | Export status for pixi\* | tinyint(4) NOT NULL | [0,1] | OXPIXIEXPORT |

## Delete orders

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XO] |  |
|  | Order ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/update product assignments to orders

If a product assignment with the given OXID already exists, the product assignment is updated with the given values. Otherwise, a new product assignment is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[21]](#footnote-21)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [R] |  |
|  | Product assignment ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Order ID | char(32) NOT NULL | [0-9a-f.] | OXORDERID |
|  | Amount | double NOT NULL default '0' | see field 9 | OXAMOUNT |
|  | Product ID | char(32) NOT NULL | [0-9a-f.] | OXARTID |
|  | Product number | varchar(255) NOT NULL | [SPACE-~] | OXARTNUM |
|  | Title | varchar(255) NOT NULL | [SPACE-~] | OXTITLE |
|  | Short description | varchar(255) NOT NULL | [SPACE-~] | OXSHORTDESC |
|  | Selected variant | varchar(255) NOT NULL | [SPACE-~] | OXSELVARIANT |
|  | Total sum net | double NOT NULL default '0' | 1.7976931348623157 E+308 to-2.2250738585072014 E-308, 0, und 2.2250738585072014 E-308 to 1.7976931348623157 E+308[[22]](#footnote-22) | OXNETPRICE |
|  | Total sum brut | double NOT NULL default '0' | see field 9 | OXBRUTPRICE |
|  | VAT Total | double NOT NULL default '0' | see field 9 | OXVATPRICE |
|  | Special VAT | double NOT NULL | see field 9 | OXVAT |
|  | Persistent parameters (not used in standard eShop) | Text NOT NULL | [SPACE-~] | OXPERSPARAM |
|  | Product price | double NOT NULL default '0' | see field 9 | OXPRICE |
|  | Brut product price | double NOT NULL default '0' | see field 9 | OXBPRICE |
|  | Net product price | double NOT NULL default '0' | see field 9 | OXNPRICE |
|  | Gift wrapping ID | varchar(32) | [SPACE-~] | OXWRAPID |
|  | External URL | varchar(255) NOT NULL default '' | valid URL without *http://* | OXEXTURL |
|  | Description for external URL  | varchar(255) NOT NULL default '' | [SPACE-~] | OXURLDESC |
|  | URL of picture for external URL | varchar(128) NOT NULL default '' | see field 23 | OXURLIMG |
|  | Filename (without path) , Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~][[23]](#footnote-23) | OXTHUMB |
|  | Filename (without path) , Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC1 |
|  | Filename (without path) , Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC2 |
|  | Filename (without path) , Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC3 |
|  | Filename (without path) , Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC4 |
|  | Filename (without path) , Default: *nopic.jpg* | varchar(128) NOT NULL default '' | [SPACE-~] | OXPIC5 |
|  | Weight | double NOT NULL default '0' | see field 9 | OXWEIGHT |
|  | Stock | int(11) NOT NULL default '-1'[[24]](#footnote-24) | -2147483648 to 2147483647 | OXSTOCK |
|  | Available on | date NOT NULL default '0000-00-00' | YYYY-MM-DD | OXDELIVERY |
|  | Date of creation (is ignored, actual date is used instead) | date NOT NULL default '0000-00-00' | YYYY-MM-DD | OXINSERT |
|  | Date of last change (is ignored, actual date is used instead) | timestamp NOT NULL default CURRENT\_TIMESTAMP on update CURRENT\_TIMESTAMP | YYYY-MM-DD HH:MM:SS | OXTIMESTAMP |
|  | Length | double NOT NULL default '0' | see field 9 | OXLENGTH |
|  | Width | double NOT NULL default '0' | see field 9 | OXWIDTH |
|  | Height | double NOT NULL default '0' | see field 9 | OXHEIGHT |
|  | File | varchar(128) NOT NULL default '' | [SPACE-~] | OXFILE |
|  | Search terms | varchar(255) NOT NULL default '' | [SPACE-~] | OXSEARCHKEYS |
|  | Alt. template | varchar(128) NOT NULL default '' | [SPACE-~] | OXTEMPLATE |
|  | Alt. contact | varchar(255) NOT NULL default '' | valid e-mail address | OXQUESTIONEMAIL |
|  | Searchable | tinyint(1) NOT NULL default '1' | [0,1] | OXISSEARCH |
|  | (always empty) | varchar(32) NOT NULL default '' | always empty | OXFOLDER |
|  | Class | varchar(32) NOT NULL default '' | always *oxarticle* | OXSUBCLASS |
|  | Cancelled | Tinyint(1) NOT NULL default '1' | [0,1] | OXSTORNO |
|  | Shop-ID | varchar(32) NOT NULL | [SPACE-~] | OXORDERSHOPID |
|  | VAT Total | Double NOT NULL | see field 9 | OXTOTALVAT |
|  | Order status | text | See 4.29  | OXERPSTATUS[[25]](#footnote-25) |
|  | Bundled article | Tinyint(1) NOT NULL default '0' | [0,1] | OXISBUNDLE |

## Delete product assignments to orders

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XR] |  |
|  | Product assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/Update file assignments to orders

If a file record with the given OXID already exists, the file record is updated with the given values. Otherwise, a new file record is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[26]](#footnote-26)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [W] |  |
|  | File assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Order ID | char(32) NOT NULL default '' | [0-9a-f.] | OXORDERID |
|  | File name (without path) | varchar(128) NOT NULL default '' | [SPACE-~] | OXFILENAME |
|  | File ID (existing record ID) | char(32) NOT NULL default '' | [0-9a-f.] | OXFILEID |
|  | Shop-ID | int(11) NOT NULL default 1 | 1 to 64 | OXSHOPID |
|  | Ordered Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXORDERARTICLEID |
|  | First download timestamp | timestamp NOT NULL default '0000-00-00 00:00:00' | YYYY-MM-DD HH:MM:SS | OXFIRSTDOWNLOAD |
|  | Last download timestamp | timestamp NOT NULL default '0000-00-00 00:00:00' | YYYY-MM-DD HH:MM:SS | OXLASTDOWNLOAD |
|  | Current download count | int(10) NOT NULL UNSIGNED default '0' | 0 to 2147483647 | OXDOWNLOADCOUNT |
|  | Maximum allowed download count | int(10) NOT NULL UNSIGNED default '0' | 0 to 2147483647 | OXMAXDOWNLOADCOUNT |
|  | Download expire time | int(10) NOT NULL UNSIGNED default '0' | 0 to 2147483647 | OXDOWNLOADEXPIRATIONTIME |
|  | Link expire time | int(10) NOT NULL UNSIGNED default '0' | 0 to 2147483647 | OXLINKEXPIRATIONTIME |
|  | Reset count | int(10) NOT NULL UNSIGNED default '0' | 0 to 2147483647 | OXRESETCOUNT |
|  | Valid until date | Datetime | YYYY-MM-DD HH:MM:SS | OXVALIDUNTIL |

## Delete file assignments to orders

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XW] |  |
|  | File assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Change order status

If an order status with the given OXID already exists, the order status is updated with the given values. Otherwise, a new order status is created.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[27]](#footnote-27)** |
|  | Indicator char | char(1) | [S] |  |
|  | ID from oxorderarticles | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Status text | text NOT NULL | [SPACE-~] | OXERPSTATUS\_STATUS |
|  | Date and time | Datetime | YYYY-MM-DD HH:MM:SS | OXERPSTATUS\_TIME |
|  | Tracking ID | char(32) NOT NULL default '' | [SPACE-~] | OXERPSTATUS\_TRACKID |

## Create/update product assignments to vendors

If a product is already assigned to a vendor, this assignment is overwritten.

## Delete product assignments to vendors

| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [D] |  |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Vendor ID | char(32) NOT NULL default '' | [0-9a-f.] | OXVENDORID |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XD] |  |
|  | Product assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/update product assignments to manufacturers

If a product is already assigned to a manufacturer, this assignment is overwritten.

## Delete product assignments to manufacturers

| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [Q] |  |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Manufacturer ID | char(32) NOT NULL default '' | [0-9a-f.] | OXMANUFACTURERID |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XQ] |  |
|  | Product assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Updating stock

| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [E] |  |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Stock | Integer(11) NOT NULL default -1 | -2147483648 to 2147483647 | OXSTOCK |

## Create/update users

If a user with the given OXID already exists, the user is updated with the given values. Otherwise, a new user is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[28]](#footnote-28)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [U] |  |
|  | User ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Active | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE |
|  | Rights | char(32) | ‘user‘, ‘malladmin‘ or subshop ID | OXRIGHTS |
|  | Shop ID | int(11) NOT NULL default 1 | [SPACE-~] | OXSHOPID |
|  | Login/e-mail address | varchar(255) NOT NULL | [SPACE-~] | OXUSERNAME |
|  | Password | varchar(128) NOT NULL | [SPACE-~] | OXPASSWORD |
|  | Salt (see also chapter 5.22) | char(128) | [SPACE-~] | OXPASSSALT |
|  | Customer number | Integer(11) | 0 to 2147483647 | OXCUSTNR |
|  | VAT ID | varchar(255) NOT NULL | [SPACE-~] | OXUSTID |
|  | VAT ID status | tinyint(1) NOT NULL default '0' | [0,1] | OXUSTIDSTATUS |
|  | Company | varchar(255) NOT NULL | [SPACE-~] | OXCOMPANY |
|  | First name | varchar(255) NOT NULL | [SPACE-~] | OXFNAME |
|  | Last name | varchar(255) NOT NULL | [SPACE-~] | OXLNAME |
|  | Street | varchar(255) NOT NULL | [SPACE-~] | OXSTREET |
|  | Street number | varchar(16) NOT NULL | [SPACE-~] | OXSTREETNR |
|  | Additional information | varchar(255) NOT NULL | [SPACE-~] | OXADDINFO |
|  | City | varchar(255) NOT NULL | [SPACE-~] | OXCITY |
|  | Country ID | varchar(32) NOT NULL | [SPACE-~] | OXCOUNTRYID |
|  | State ID | varchar(32) NOT NULL | [SPACE-~] | OXSTATEID |
|  | ZIP | varchar(16) NOT NULL | [SPACE-~] | OXZIP |
|  | Phone number | varchar(128) NOT NULL | [SPACE-~] | OXFON |
|  | Fax number | varchar(128) NOT NULL | [SPACE-~] | OXFAX |
|  | Salutation | varchar(128) NOT NULL | [SPACE-~] | OXSAL |
|  | Credit rating | integer(11) | 0 to 2147483647 | OXBONI |
|  | Date of creation | datetime | YYYY-MM-DD HH:MM:SS | OXCREATE |
|  | Date of registration | datetime | YYYY-MM-DD HH:MM:SS | OXREGISTER |
|  | Private phone number | varchar(64) NOT NULL | [SPACE-~] | OXPRIVFON |
|  | Cellular phone number | varchar(64) NOT NULL | [SPACE-~] | OXMOBFON |
|  | Date of birth | date | YYYY-MM-DD | OXBIRTHDATE |
|  | URL | varchar(255) NOT NULL | [SPACE-~] | OXURL |
|  | Automatic user group assignment | tinyint(1) NOT NULL | [0,1] | OXDISABLEAUTOGRP |
|  | LDAP-Key | varchar(128) NOT NULL | [SPACE-~] | OXLDAPKEY |
|  | Amount of invalid login attempts | integer(11) | 0 to 2147483647 | OXWRONGLOGINS |
| 1.
 | Key for „forgot password“ function | char(32) | [SPACE-~] | OXUPDATEKEY |
|  | Timestamp when key from field 33 expires | integer(11) | 0 to 2147483647 | OXUPDATEEXP |
|  | „Credit points“ from the users invitations | double NOT NULL default '0' | -1.7976931348623157 E+308 to-2.2250738585072014 E-308, 0, and 2.2250738585072014 E-308 to 1.7976931348623157 E+308 | OXPOINTS |

## Delete users

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XU] |  |
|  | User ID | char(32) NOT NULL | [0-9a-f.] | OXID |

##

## Create/Update countries

If a country with the given OXID already exists, the country is updated with the given values. Otherwise, a new country is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[29]](#footnote-29)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [N] |  |
|  | Country ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Active | tinyint(1) NOT NULL default 0 | [1,0] | OXACTIVE |
|  | Name | char(128) NOT NULL | [SPACE-~] | OXTITLE |
|  | ISO 2 | char(2) NOT NULL | [A-Z] | OXISOALPHA2 |
|  | ISO 3 | char(3) NOT NULL | [A-Z] | OXISOALPHA3 |
|  | ISO UN number | char(3) NOT NULL | [0-999] | OXUNNUM3 |
|  | Sorting | int(11) NOT NULL default 9999 | 0 to 2147483647 | OXORDER |
|  | Short description | char(255) NOT NULL | [SPACE-~] | OXSHORTDESC |
|  | Description | char(255) NOT NULL | [SPACE-~] | OXLONGDESC |
|  | Name in language 1 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_1 |
|  | Name in language 2 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_2 |
|  | Name in language 3 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_3 |
|  | Short description in language 1 | char(128) NOT NULL | [SPACE-~] | OXSHORTDESC\_1 |
|  | Short description in language 2 | char(128) NOT NULL | [SPACE-~] | OXSHORTDESC\_2 |
|  | Short description in language 3 | char(128) NOT NULL | [SPACE-~] | OXSHORTDESC\_3 |
|  | Description in language 1 | char(255) NOT NULL | [SPACE-~] | OXLONGDESC\_1 |
|  | Description in language 2 | char(255) NOT NULL | [SPACE-~] | OXLONGDESC\_2 |
|  | Description in language 3 | char(255) | [SPACE-~] | OXLONGDESC\_3 |
|  | VAT Handling | tinyint(1) NOT NULL default 0 | [0,1] | OXVATSTATUS |

## Delete Countries

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XN] |  |
|  | Country ID | char(32) NOT NULL | [0-9a-f.] | OXID |

## Create/Update attributes

If a attribute with the given OXID already exists, the attribute is updated with the given values. Otherwise, a new attribute is created.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(1) | [B] |  |
|  | Attribute ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Shop-ID | int(11) NOT NULL default 1 | 1 - 64 | OXSHOPID |
|  | Inherited Shop IDs | See Chapter 4.1 | See Chapter 4.1 | OXINHERITEDSHOPIDS |
|  | Name | char(128) NOT NULL | [SPACE-~] | OXTITLE |
|  | Name in language 1 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_1 |
|  | Name in language 2 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_2 |
|  | Name in language 3 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_3 |
|  | Sorting | integer(11) | 0 to 2147483647 | OXPOS |

## Delete Attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XB] |  |
|  | Attribute ID | char(32) NOT NULL | [0-9a-f.] | OXID |

## Create/Update Attribute assignments

If a attribute assignment with the given OXID already exists, the attribute assignment is updated with the given values. Otherwise, a new attribute assignment is created.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(1) | [F] |  |
|  | attribute assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |
|  | Product ID | char(32) NOT NULL default '' | [0-9a-f.] | OXOBJECTID |
|  | Attribute ID | char(32) NOT NULL default '' | [0-9a-f.] | OXATTRID |
|  | Attribute value | char(255) NOT NULL default '' | [SPACE-~] | OXVALUE |
|  | Sorting | int(11) NOT NULL default '0' | 0 to 2147483647 | OXPOS |
|  | Attribute value in language 1 | char(255) NOT NULL default '' | [SPACE-~] | OXVALUE\_1 |
|  | Attribute value in language 2 | char(255) NOT NULL default '' | [SPACE-~] | OXVALUE\_2 |
|  | Attribute value in language 3 | char(255) NOT NULL default '' | [SPACE-~] | OXVALUE\_3 |

## Delete Attribute assignment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XF] |  |
|  | Attribute Assignment ID | char(32) NOT NULL default '' | [0-9a-f.] | OXID |

## Create/Update contents

If a content with the given OXID already exists, the content is updated with the given values. Otherwise, a new content is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[30]](#footnote-30)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [G] |  |
|  | Content ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Identification | char(32) NOT NULL | [0-9a-f.] | OXLOADID |
|  | Shop-ID | int(11) NOT NULL default 1 | 1 - 64 | OXSHOPID |
|  | Snippet is active | tinyint(1) NOT NULL default 1 | [0,1] | OXSNIPPET |
|  | Content type (snippet, main menu, category, manually) | tinyint(1) NOT NULL default 0 | [0,1,2,3] | OXTYPE |
|  | Active | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE |
|  | Active in language 1 | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE\_1 |
|  | Active in language 2 | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE\_2 |
|  | Active in language 3 | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE\_3 |
|  | Name | varchar(255) NOT NULL | [SPACE-~] | OXTITLE |
|  | Name in language 1 | varchar(255) NOT NULL | [SPACE-~] | OXTITLE\_1 |
|  | Name in language 2 | varchar(255) NOT NULL | [SPACE-~] | OXTITLE\_2 |
|  | Name in language 3 | varchar(255) NOT NULL | [SPACE-~] | OXTITLE\_3 |
|  | Sorting | varchar(32) NOT NULL | [SPACE-~] | OXPOSITION |
|  | Content | text NOT NULL | [SPACE-~] | OXCONTENT |
|  | Content in language 1 | text NOT NULL | [SPACE-~] | OXCONTENT\_1 |
|  | Content in language 2 | text NOT NULL | [SPACE-~] | OXCONTENT\_2 |
|  | Content in language 3 | text NOT NULL | [SPACE-~] | OXCONTENT\_3 |
|  | Category ID | varchar(32) | [0-9a-f.] | OXCATID |
|  | Folder name | varchar(32) NOT NULL | [SPACE-~] | OXFOLDER |
|  | AGB version | char(32) NOT NULL | [SPACE-~] | OXTERMVERSION |

## Delete Contents

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Content/Example** | **Data type** | **Range** | **Field name** |
|  | Indicator char | char(2) | [XG] |  |
|  | Content ID | char(32) NOT NULL | [0-9a-f.] | OXID |

## Create/Update contents

If a content with the given OXID already exists, the content is updated with the given values. Otherwise, a new content is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[31]](#footnote-31)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [G] |  |
|  | Content ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Identification | char(32) NOT NULL | [0-9a-f.] | OXLOADID |
|  | Shop-ID | int(11) NOT NULL default 1 | 1 - 64 | OXSHOPID |
|  | Snippet is active | tinyint(1) NOT NULL default 1 | [0,1] | OXSNIPPET |
|  | Content type (snippet, main menu, category, manually) | tinyint(1) NOT NULL default 0 | [0,1,2,3] | OXTYPE |
|  | Active | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE |
|  | Active in language 1 | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE\_1 |
|  | Active in language 2 | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE\_2 |
|  | Active in language 3 | tinyint(1) NOT NULL default 0 | [0,1] | OXACTIVE\_3 |

# Export interface

All objects (products, users, categories and so on) can be exported. The structure of the exported file is the same as described above. For accessing import, a particular URL is called via browser. We strongly recommend to password-protect and SSL-protect (https://) the export so it’s not openly accessible.

## Changes in multishop handling

When exporting values with ERP version 2.15.0, make sure to pass the additional parameter

'blIncludeInheritedShopIds' => true into request to get the value of OXINHERITEDSHOPIDS, as otherwise it will not be retrieved.

Example:

$aParams = array(

 "sid" => $sid,

 "id" => "oxtestcat1",

 'blIncludeInheritedShopIds' => true,

 );

$sRes = $this->\_doRequest("OXERPGetCategory", $aParams);

## Sorting export data

In some exports you can set by which field and in which direction (ASC or DESC) the data is to be sorted. If no sorting parameter is given, the fields are sorted by OXID.

## Login

Before CSV Data can be exported, you have to login first. This is done with OXERPLogin function:

[https://www.youreshop.com/modules/ERP/oxerpcsvexport.php?fnc=OXERPLogin&user=admin&](https://www.IhreShopURL.de/modules/ERP/oxerpcsvexport.php?fnc=OXERPLogin&user=admin&)

pw=password&*version=2.15.0&*shopid=1&langid=0

The following parameters are given:

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc= | Name of function (here: OXERPLogin) |
| user= | Admin name (here: admin) |
| pw= | Password (here: password) |
| shopid= | Shop ID of Shop in which login is done (here: 1) |
| langid= | Language ID (here: 0) |

The function returns a Session ID which has to be used in every other export function.

## OXERPGetCategory

This function exports a category.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetCategory | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the category. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

### Example

[https://www.youreshop.com/modules/ERP/oxerpcsvexport.php?fnc=OXERPGetCategory&sid=xxxxxxxxx](https://www.IhreShopURL.de/modules/ERP/oxerpcsvexport.php?fnc=OXERPGetCategory&sid=xxxxxxxxx)&*version=2.15.0&id=yyyyyyyyyy*

## OXERPGetCategories

This function exports several categories at once.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetCategories | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sSortFieldName=(optional) | The field the returned categories are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

### Example

[https://www.youreshop.com/modules/ERP/oxerpcsvexport.php?fnc=OXERPGetCategories&sid=xxxxxxx&*version=2.15.0&sSortFieldName=OXID&sSortType=DESC&iStart=0&iCount=5*](https://www.youreshop.com/modules/ERP/oxerpcsvexport.php?fnc=OXERPGetCategories&sid=xxxxxxx&version=2.15.0&sSortFieldName=OXID&sSortType=DESC&iStart=0&iCount=5)

## OXERPGetArticle

This function exports a product.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticle | Function name |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the product. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetArticles

This function exports several products at once.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetArticles | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sSortFieldName=(optional) | The field the returned products are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| id=(optional) | Category ID. Only products assigned to this category are exported. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetFile

This function exports a file record.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetFile | Function name |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the file record. |

## OXERPGetFiles

This function exports several files at once.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetFiles | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sSortFieldName=(optional) | The field the returned files are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| id=(optional) | Product ID. Only files assigned to this product are exported. |

## OXERPGetArticleCategory

This function exports the categories a product is assigned to.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticleCategory | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | Product ID |
| sSortFieldName=(optional) | The field the returned categories are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

##

## OXERPGetArticleAction

This function exports the actions a product is assigned to.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticleAction | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The ID of the product. |
| sSortFieldName=(optional) | The field the returned actions are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |

## OXERPGetArticleCrossselling

This function exports the products which are assigned as crosssellings to another product.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticleCrossselling | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The ID of the product. |
| sSortFieldName=(optional) | The field the returned products are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |

##

## OXERPGetArticleScalePrice

This function exports scale prices assigned to a product.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticleScalePrice | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The ID of the product. |
| sSortFieldName=(optional) | The field the returned scale prices are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |

## OXERPGetArticleAccessoire

This function returns products which are assigned as accessories to another product.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticleAccessoire | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The ID of the product. |
| sSortFieldName=(optional) | The field the returned products are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |

##

## OXERPGetArticleStock

This function exports the stock of a product.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticleStock | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The ID of the product. |

## OXERPGetOrder

This function exports an order.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetOrder | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the order. |

## OXERPGetOrderArticle

This function exports products of assigned to an order.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetOrderArticle | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The OXID of the order |
| sSortFieldName=(optional) | The field the returned products are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |

## OXERPGetOrderFiles

This function exports files assigned to an order.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetOrderFiles | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The OXID of the order |
| sSortFieldName=(optional) | The field the returned files are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |

## OXERPGetVendor

This function exports a vendor.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetVendor | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the vendor. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetArticleVendor

This funcion exports the vendor of a product.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticleVendor | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the product. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetVendorArticles

This function returns all products assigned to a vendor.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetVendorArticles | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The ID of the vendor. |
| sSortFieldName=(optional) | The field the returned products are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetManufacturer

This function exports a manufacturer.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetManufacturer | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the manufacturer. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetArticleManufacturer

This function exports the manufacturer of a product.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetArticleManufacturer | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the product. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetManufacturerArticles

This function returns all products assigned to a manufacturer.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetManufacturerArticles | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The ID of the manufacturer. |
| sSortFieldName=(optional) | The field the returned products are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetUser

This function exports a user.

Since OXID eShop version 4.9.0/5.2.0, passwords are SHA-2 encrypted with a salt.

These passwords cannot be decrypted. They cannot be imported in older eShop versions. The salt is always a HEX value.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetUser | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | The ID of the user. |

## OXERPGetUsers

This function exports several users at once.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetUsers | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sSortFieldName=(optional) | The field the returned users are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| timestamp=yyyy-mm-dd hh:mm:ss(optional) | Only users created after this point of time are exported. |

##

## OXERPGetOrders

This function exports several orders at once.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetOrders | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sSortFieldName=(optional) | The field the returned orders are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| timestamp=yyyy-mm-dd hh:mm:ss(optional) | Alle Bestellungen werden exportiert, die an und nach diesem Zeitpunkt angelegt wurden. |

## OXERPGetVendors

This function exports several vendors

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetVendors | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sSortFieldName=(optional) | The field the returned vendors are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetManufacturers

This function exports several manufacturers

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetManufacturers | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sSortFieldName=(optional) | The field the returned manufacturers are sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPCallPlugin

OXERPCallPlugin invokes an external plugin. Sample call: [http://shopurl/modules/erp/oxerpcsvexport.php?sid=MYSID&fnc=OXERPCallPlugin&sPluginName=examplePlugin&aRequestData[var1]=val1&aRequestData[var2]=val2](http://shopurl/modules/erp/oxerpcsvexport.php?sid=MYSID&fnc=OXERPCallPlugin&sPluginName=examplePlugin&aRequestData%5bvar1%5d=val1&aRequestData%5bvar2%5d=val2)

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPCallPlugin | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sPluginName= | The name of a plugin to be called. |
| aRequestData= | Data passed to the plugin |

## OXERPGetAttributes

This function exports several attributes which are defined in sIn.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetAttributes | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sIn= | List of attributnames |
| sSortFieldName=(optional) | The field by which the returned attributes are sorted |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |
| blIncludeInheritedShopIds=(optional) | Flag, which indicates whether to include inherited shop ID’s in response. By default it is false. |

## OXERPGetArticleAttributes

This function returns product assignments to attribute.

### Parameters

| **Parameter** | **Description** |
| --- | --- |
| fnc=OXERPGetArticleAttributes | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| sArticleID= | ID of the product. May be left empty. |
| sAttributeID= | ID of the attribute. May be left empty. |
| sSortFieldName=(optional) | The field the returned data is sorted by. |
| sSortType=(optional) | ASC (ascending) or DESC (descending) |
| iStart=(optional) | Amount of objects which are skipped and not returned. |
| iCount=(optional) | Limits amount of returned objects. |

## OXERPGetContent

This function exports a content.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPGetContent | Function name  |
| sid= | Session ID returned by OXERPLogin. |
| id= | ID of the content. |

# Using custom fields

If additional fields were created in tables, the ERP module files have to be adjusted. The files are stored in */modules/erp/objects*. The filename indicates for which table file is used. At the beginning, the files contain a field list. This list has to be extended with the names of the additional fields.

## Example

In this example, the table *oxcategories* was extended with the field articles\_amount. This field contains the amount of products assigned to the category. For using this field, *oxerptype\_oxcategory.php* is adjusted:

The file contains a definition of database fields:

 'OXID' => 'OXID',

 'OXPARENTID' => 'OXPARENTID',

 'OXORDER' => 'OXORDER',

 'OXACTIVE' => 'OXACTIVE',

This definition is extended with articles\_amount:

 .

 .

 .

 'OXSEOID\_3' => 'OXSEOID\_3',

 'ARTICLES\_AMOUNT' => 'ARTICLES\_AMOUNT'

 );

## Extending ERP with plugins

With plugins, you can extend the functionality of the CSV interface. Plugins are called using the function OXERPCallPlugin (See 5.29).

## Creating a plugin

A Plugin class has to extend the class oxErpPluginBase and implement invoke() function (which is defined abstract by oxErpPluginBase). The class name has to contain *Plugin* at the end (e.g. *examplePlugin* as below).

The default Plugins are stored in in the <erp base>/plugins directory. The filename has to be the same as the class name of the plugin **in lowercase** (e.g. *exampleplugin.php* for the example below). In ERP v2.14.2 or higher, plugins could be located in custom modules. Plugin class still must extend the class oxErpPluginBase and implement invoke() function, and also be registered in metadata of a custom module.

## Sample plugin

<?php

/\*\*

 \* plugin which duplicates input

 \*/

class examplePlugin extends oxErpPluginBase

{

 /\*\*

 \* plugin entry point

 \*

 \* @param array $aParams 'name=>value' based passed parameters map

 \*

 \* @return oxERPReturn[]

 \*/

 public function invoke($aParams)

 {

 $oResult = new oxERPReturn();

 $oResult->aResult = $aParams;

 $oResult->blResult = true;

 $oResult->sMessage = 'example msg';

 return array($oResult, clone $oResult);

 }

}

## Data flow of the sample plugin

Assuming data of a csvexport request is:

http://...&fnc=OXERPCallPlugin&sPluginName=examplePlugin&aRequestData[myvarname1]=value1&aRequestData[myvarname2]=value2

The plugin's **invoke** method gets:

 array (

 'myvarname1' => 'value1',

 'myvarname2' => 'value2',

 )

The example plugin duplicates data, and returns it to the call handler. The result data is:

array (

 0 =>

 OXERPReturn::\_\_set\_state(array(

 'blResult' => true,

 'sMessage' => 'example msg',

 'aResult' =>

 array (

 'myvarname1' => 'value1',

 'myvarname2' => 'value2',

 ),

 )),

 1 =>

 OXERPReturn::\_\_set\_state(array(

 *... [same as 0th entry] ...*

 )),

)

Such result is formatted (by oxERPGateway) according to the request type (SOAP or CSV) and returned to the client.

CSV client would get duplicated input in csv format:

 myvarname1,myvarname2

 value1,value2

 value1,value2

The first line of the output file is a header line, containing variable names (array key values of the first data record, returned by the plugin, if resulting lines column count is equal). If column count in data is not equal, header line is skipped.

## oxGetActionArticlesPlugin

This function returns article id's of an action.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPCallPlugin | Function name  |
| sPluginName= | Plugin name (oxGetActionArticlesPlugin) |
| sid= | Session ID returned by OXERPLogin. |
| aRequestData[sActionID]= | ID of an action. |

## oxGetArticleVariantsPlugin

This function returns variant id's of an article.

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPCallPlugin | Function name  |
| sPluginName= | Plugin name (oxGetArticleVariantsPlugin) |
| sid= | Session ID returned by OXERPLogin. |
| aRequestData[sArticleID]= | ID of an article |

## oxGetConfigParametersPlugin

This function returns configuration parameters:

* user config parameters:
	+ loaded from datenbank:
		- facebook\_apID (Facebook Application ID: 'sFbAppId');
		- facebook\_sKey (Application Secret Key: 'sFbSecretKey');
		- rating (Ratings (Yes, No): 'bl\_perfLoadReviews');
		- review (Review (Yes/no): 'bl\_perfLoadReviews');
		- parentArticleBuyable (Buyable article (Yes/no): 'blVariantParentBuyable').
	+ loaded from config.inc.php file:
		- eFireID (eFireID: 'sMobAppeFireID');
		- paypalmerchantID (PayPal Merchant ID: 'sMobAppPaypalMerchantID');
		- pictures:
			* splash (SplashScreen URL: 'sMobAppSplash');
			* header (Header logo path: 'sMobAppHeader');
			* default (Name of default article picture: 'sMobAppDefault').
		- color (Color values: 'aMobAppColor');
		- facebook (Facebook Yes/No: 'sMobAppFacebookActive');
		- twitter (Twitter Yes/No: 'sMobAppTwitterActive');
		- twitterConsumerKey (Application ID: 'sMobAppTwitterConsumerKey');
		- twitterConsumerSecret (Application Secret Key: 'sMobAppTwitterConsumerSecret');
		- email (Email (Yes, No): 'sMobAppEmail');
		- active shop parameters:
		- currency (Currency Sign);
		- currencyrate (Exchange rate);
		- lang (Supportet Languages).

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPCallPlugin | Function name  |
| sPluginName= | Plugin name (oxGetConfigParametersPlugin) |
| sid= | Session ID returned by OXERPLogin |

## oxSearchPlugin

This function searches for products and returns article fields:

* + oxid (article ID);
	+ oxtitle (title of an article);
	+ oxprice (price of an article);
	+ oxrating (rating);
	+ oxmanufacturerid (manufacturer ID);
	+ oxunitname (unit);
	+ oxunitquantity (quantity);
	+ oxtprice (RRP);

### Parameters

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| fnc=OXERPCallPlugin | Function name  |
| sPluginName= | Plugin name (oxSearchPlugin) |
| sid= | Session ID returned by OXERPLogin. |
| aRequestData[sSearchParam]= | ID of an article |
| aRequestData[iStart]=(optional) | Amount of objects which are skipped and not returned. |
| aRequestData[iCount]=(optional) | Limits amount of returned objects. |

# Expandability of CSV interface

From OXID ERP Interface version 3.1 on, own functionality can be added to the CSV interface by extending it with a module. You can find all information about how to achieve this in the document "Extending the OXID ERP Interface".

In the current document we describe how to extend the OXID Interface (CSV) directly. This is possible but we do not recommend to do it this way because of maintainability. An alternative is to use plugins (see chapter 6.2).

How to extend CSV interface is explained with an example: The import of attributes is implemented. As a guideline, oxcountry entries can be taken.

## Define new attribute object

For accessing attributes, an attribute object has to be defined. Existing object files are stored in *modules/objects*. Here, a new file has to be created: *oxerptype\_attribute.php*:

<?php

require\_once( 'oxerptype.php');

class oxERPType\_Attribute extends oxERPType

{

 public function \_\_construct()

 { global $myConfig;

 parent::\_\_construct();

 $this->\_sTableName = 'oxattribute';

 $this->\_sShopObjectName = 'oxattribute';

 $this->\_aFieldList = array(

 'OXID' => 'OXID',

 'OXSHOPID' => 'OXSHOPID',

 'OXTITLE' => 'OXTITLE',

 'OXTITLE\_1' => 'OXTITLE\_1',

 'OXTITLE\_2' => 'OXTITLE\_2',

 'OXTITLE\_3' => 'OXTITLE\_3',

 'OXPOS' => 'OXPOS'

 );

 }

}

In $this->\_aFieldList, all datebase fields from *oxattribute* table are defined.

## Implementing function in oxerpgateway.php

public function OXERPSetAttribute($oParameters)

 {

 try{

 $this->\_loadSession($oParameters->sSessionID);

 $aAttribute = $this->\_formatInput($oParameters->aAttribute);

 $oResult = $this->\_import('attribute',$aAttribute);

 }

 catch (Exception $e) {

 $oResult = $this->\_exception2OxErpReturn($e);

 }

 return $this->\_formatResult($oResult,'OXERPSetAttributeResult',true);

 }

## Import definition in oxerpcsv.php

In *oxerpcsv.php* the function \_ImportAttribute has to be implemented:

protected function \_ImportAttribute(oxERPType & $oType, $aRow)

 {

 $sResult = $this->\_Save( $oType, $aRow);

 $this->\_aResults[$this->\_iIdx] = $sResult;

 return (boolean) $sResult;

 }

In *oxerpcsv.php* the indicator chars are defined in $\_aObjects array. For attribute import, we choose ‘B‘ as indicator char and add it to $\_aObjects array:

'B' => 'attribute',

Take care that each indicator char is used only once.

## Using new OXERPSetAttribute function

If an attribute with the given OXID already exists, the attribute is updated with the given values. Otherwise, a new attribute is created.

| **#** | **Content/Example** | **Data type** | **Range** | **Field name[[32]](#footnote-32)** |
| --- | --- | --- | --- | --- |
|  | Indicator char | char(1) | [B] |  |
|  | Attribute ID | char(32) NOT NULL | [0-9a-f.] | OXID |
|  | Shop-ID | int(11) NOT NULL default 1 | 1 - 64 | OXSHOPID |
|  | Name | char(128) NOT NULL | [SPACE-~] | OXTITLE |
|  | Name in language 1 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_1 |
|  | Name in language 2 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_2 |
|  | Name in language 3 | char(128) NOT NULL | [SPACE-~] | OXTITLE\_3 |
|  | Sorting | integer(11) | 0 to 2147483647 | OXPOS |

## Registering function in oxerpcsvexport.php

In class oxErpCsvExportMethods, all get functions are defined. OXERPSetAttribute is not an export function, nothing has to be changed.

If a get function OXERPGetAttribute was implemented, add the following line into array $customMethods

"OXERPGetAttribute" => "sAttributeID",

1. Table: oxarticles [↑](#footnote-ref-1)
2. Always 1 in OXID eShop Professional Edition [↑](#footnote-ref-2)
3. ASCII chr(32) – chr(126) [↑](#footnote-ref-3)
4. Ranges defined by IEEE. The range that can be used is determined by hardware and operating system. [↑](#footnote-ref-4)
5. Dependant on the file system [↑](#footnote-ref-5)
6. -1 was a special value in older versions. Negative values are not to be used in Enterprise Edition any more. [↑](#footnote-ref-6)
7. In OXID eShop Professional Edition always 0000-00-00 00:00:00 [↑](#footnote-ref-7)
8. Table: oxartextends [↑](#footnote-ref-8)
9. Table: oxcategories [↑](#footnote-ref-9)
10. Table: oxvendor [↑](#footnote-ref-10)
11. Table: oxmanufacturers [↑](#footnote-ref-11)
12. Table: oxobject2article [↑](#footnote-ref-12)
13. Table: oxaccessoire2article [↑](#footnote-ref-13)
14. ##  Note for 6, 7, 8, 9 attributes: "-1" value, means that shop general configuration options will be used. Expiration time (8, 9 attributes) is set in hours.

 [↑](#footnote-ref-14)
15. Table: oxfiles [↑](#footnote-ref-15)
16. For manually uploaded files specifies file name, placed in folder "/out/downloads/uploads/". For files, uploaded via admin interface only specifies download file name, file path information is encoded in OXSTOREHASH field. [↑](#footnote-ref-16)
17. For manually uploaded files, placed in folder "/out/downloads/uploads/" this field **must be empty**, for files, uploaded via admin interface leave as it is. [↑](#footnote-ref-17)
18. Table: oxobject2category [↑](#footnote-ref-18)
19. Table: oxactions2article [↑](#footnote-ref-19)
20. Table: oxprice2article [↑](#footnote-ref-20)
21. Table: oxorderarticles [↑](#footnote-ref-21)
22. Ranges defined by IEEE. The range that can be used is determined by hardware and operating system [↑](#footnote-ref-22)
23. Dependent on operating system [↑](#footnote-ref-23)
24. -1 was a special value in older versions. Negative values are not to be used in Enterprise Edition any more. [↑](#footnote-ref-24)
25. Always empty in OXID eShop Professional Edition [↑](#footnote-ref-25)
26. Table: oxorderfiles [↑](#footnote-ref-26)
27. Table: oxorderarticles [↑](#footnote-ref-27)
28. Table: oxuser [↑](#footnote-ref-28)
29. Table: oxcountry [↑](#footnote-ref-29)
30. Table: oxcountry [↑](#footnote-ref-30)
31. Table: oxcountry [↑](#footnote-ref-31)
32. Table: oxattribute [↑](#footnote-ref-32)