

Importing data using the Produmex import tool

1. Introduction

This document describes how to import bins, zones and Fixed bins into the Produmex system.

2. Excel: Preparation of the Excel

You can download an Excel template for the Produmex import tool [here](#)

2.1. Zone

- Code: Zone code
- Name: Name of the zone
- Parentcode: Code of the warehouse the zone belongs to

2.2. Bin

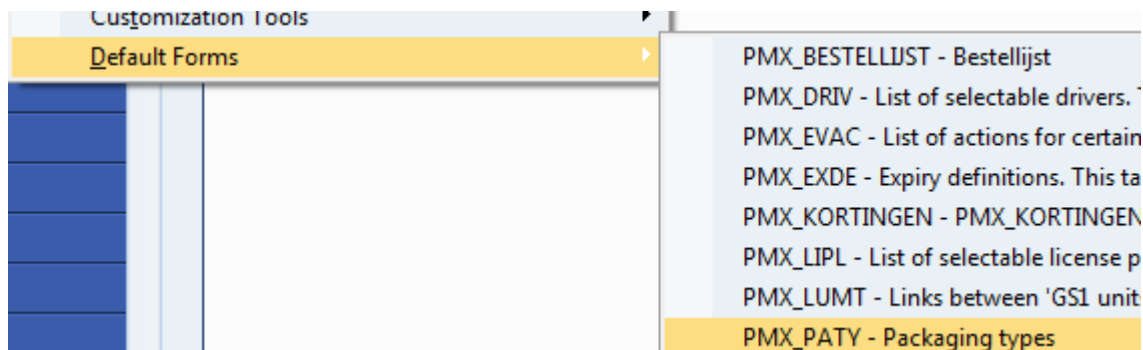
- Code: Scancode of the bin
- Name: Name of the bin
- Parentcode: Code of the zone the bin belongs to
- Is Active (Y/N): Is the location active?
- IsDestinationForPicking (Y/N): Can the location be selected to put products on after a picking? Is the location a 'pick and hold' - location
- CanBeLinedUp (Y/N): Can the location be lined up during a production proces (mostly used for Tanks/ Silo's)
- IsPickLocation: Can the location be used to perform item picking
- IsFixedItem (Y/N): Is the location a fixed picklocation?
- CanBeReplenished (Y/N)

2.3. BinItem

- ParentCode: code of the Bin location
- ItemCode
- MinimumNumberOfItems: The minimum quantity of the item on the location. If the quantity falls below the minimum the system will generate a replenishment order
- MaximumNumberOfItems: The maximum quantity the location can contain of the specified item on the specified location
- NumberOfItemsToReplenish: Quantity that should be used to replenish a fixed picklocation.

2.4. Packaging types

- ItemCode: This itemcode must be known in SAP Business One
- PackagingTypeCode: The packaging type code. This packaging type code must be known in the table PMX_PATY. You can enter the packaging types using Tools → Default Forms → PMX_PATY - Packaging types



- Quantity: The quantity of the inventory unit of measure
- BarcodeType: Fixed value
 - G: Use this value for a GTIN14 barcode type (System will do a check if it is a valid GTIN-14 barcode)
 - F: Use this value for a Free Barcode type (System will perform no check)
- Barcode: The Barcode of the Packaging Type
- AskDuringReception:
 - N: The system will not ask the quantity in the packaging type during the reception process
 - Y: The system will ask the quantity in the packaging type during the reception process
 - REMARK: if the item is not managed in batches, the system will not allow a 'Y' value in this field.
- HideDuringEnteringQuantity
 - N: The user cannot enter how much packaging types he is receiving
 - Y: The user can enter how many packaging types he is receiving

2.5. Item zonetypes

- ItemCode: Item of the zone type
- ZoneTypeCode: The code of the zone Type. The zone type must exist in the organizational structure of Produmex.

Zone types		
Code	Name	
C	DIEPVRIES	
R	ROOM TEMPERATURE	

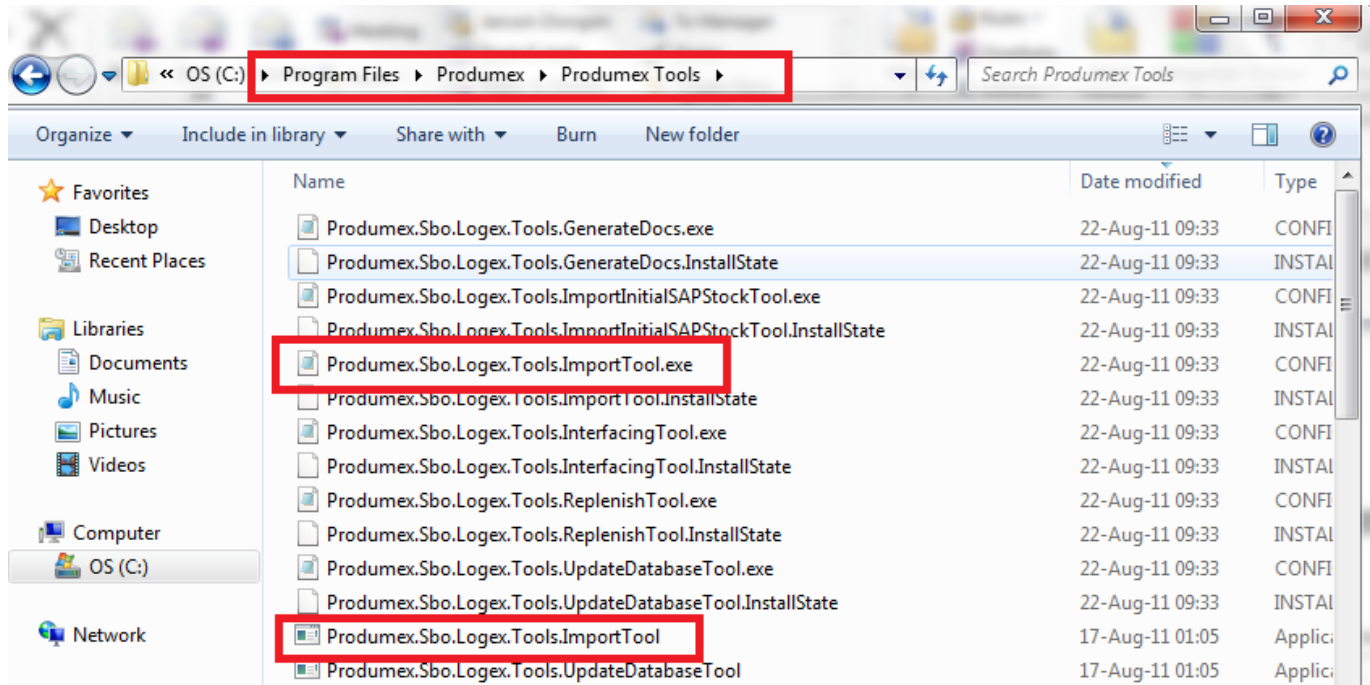
2.6. Customer Shelf life

- ItemCode
- CardCode: The cardcode of the customer
- CountryCode: The country code for this shelf life (optional)

- ShelfLifeInDays: Shelf life for the customer for the item

3. Import tool

The import tool can be found in the installation folder of the produmex tools:



The application contains a config file called Produmex.Sbo.Logex.Tools.ImportTool.exe.config. In this config file, the connectionstring is configured to connect to the database:

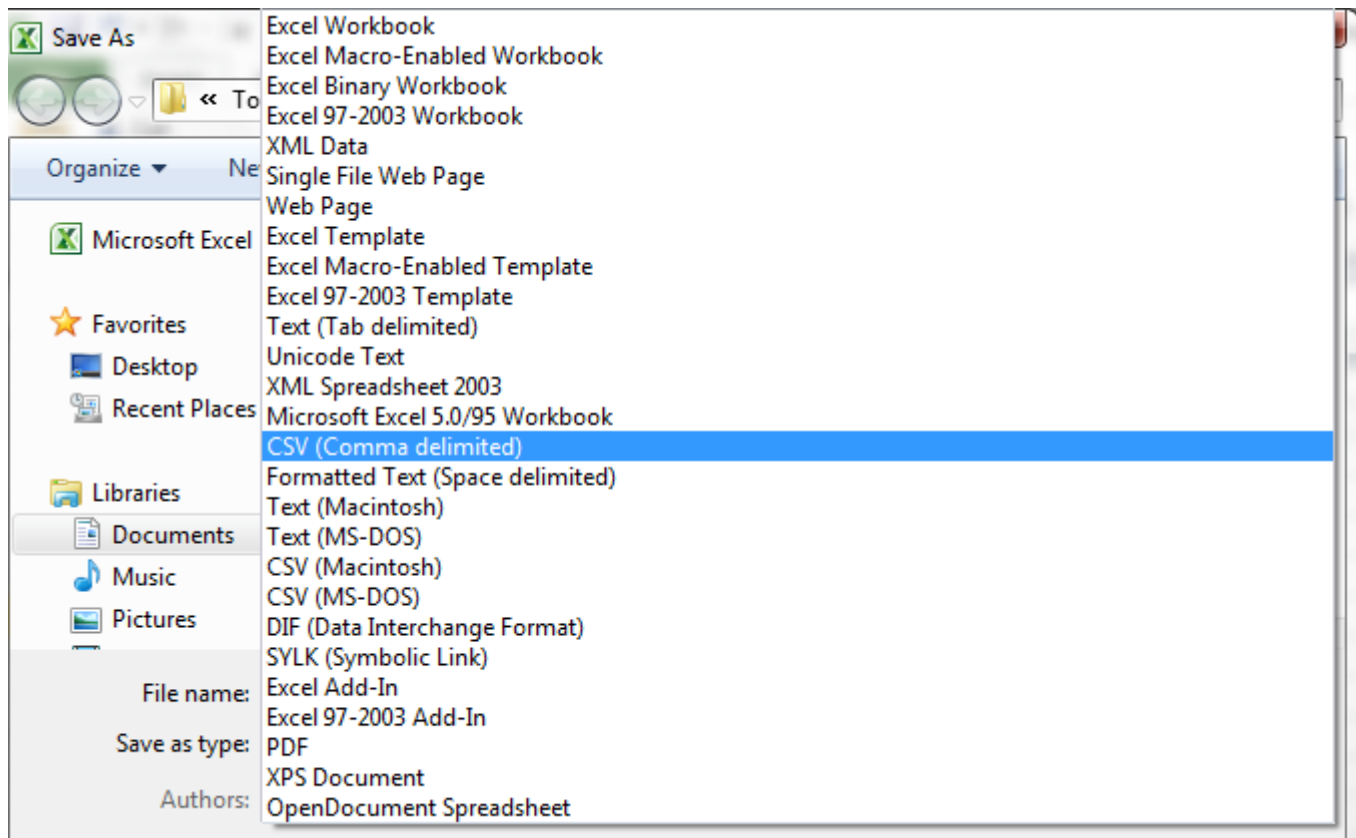
```
<!--suppress for test - nothing happens -->
</root>
</log4net>
<connectionStrings>
<add name="SboConnectionString" connectionString="Server=localhost;CompanyDB=DEMO;UseTrusted=False;DbUserName=sa;DbPassword=manager" />
</connectionStrings>
</configuration>
```

Following parameters should be filled in:

- Server: Name or Ip of the database server (fe: localhost)
- CompanyDB: Name of the database (fe: SBO_DEMO_US)
- DBUserName; Username which can connect to the database (fe: sa)
- DBPassword: Password of the user (fe: B1Admin)
- Username: An existing SAP user that is available in given database (fe: manager)
- Password: The password of the SAP user (fe: manager)
- ServerType: MSSQL2005 or MSSQL2008
- LicenseServer: Ip address and port of the license server (fe: localhost:30000)

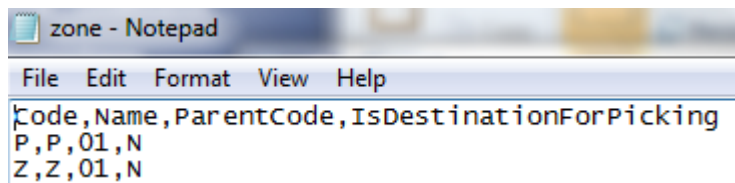
4. Import Zones

- 1. Fill in relevant data in the worksheet Zone and save the worksheet as a CSV file:



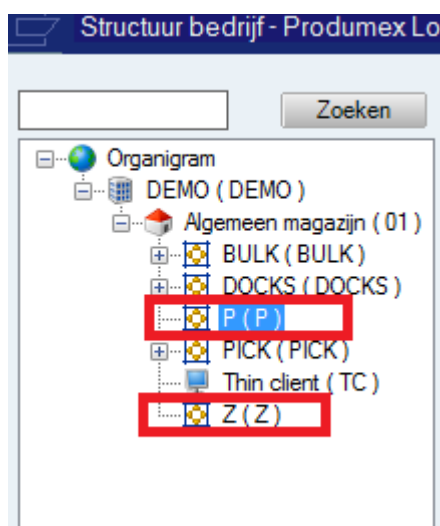
After having created the csv file, you should remove the line that contains the data types (usually this is the 2nd line of the csv file).

The CSV file should look like this:



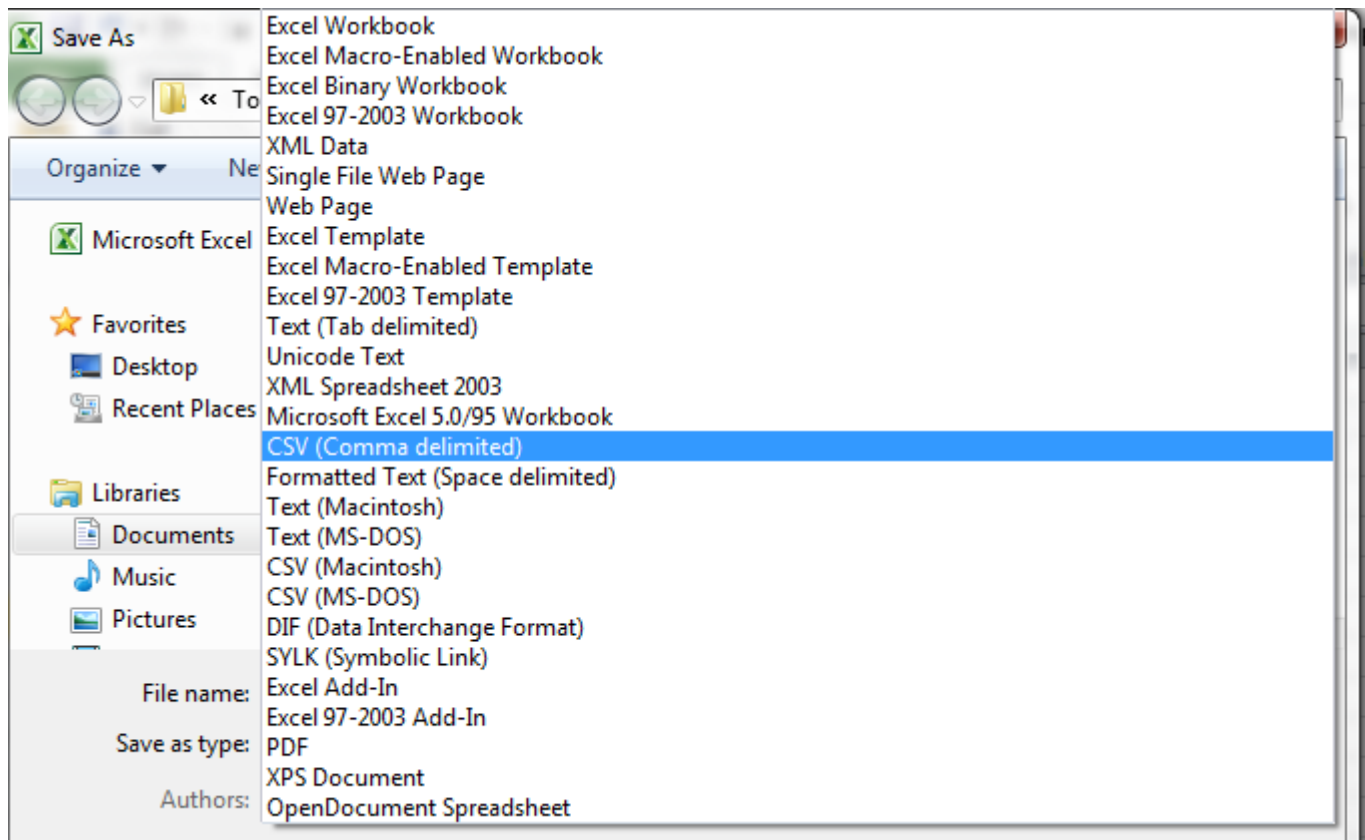
- 2. Launch the import tool by clicking the Produmex.Sbo.Logex.Tools.ImportTool.exe in the installation folder of the produmex tools.
- 3. Browse to the CSV file and select 'Zone' in the 'Type' Combo Box

- 4. Press the button 'Import OSE objects (.csv)
- 5. The application will show you that the import is finished at the bottom of the screen
- 6. The result is 2 new Zones added to the system:



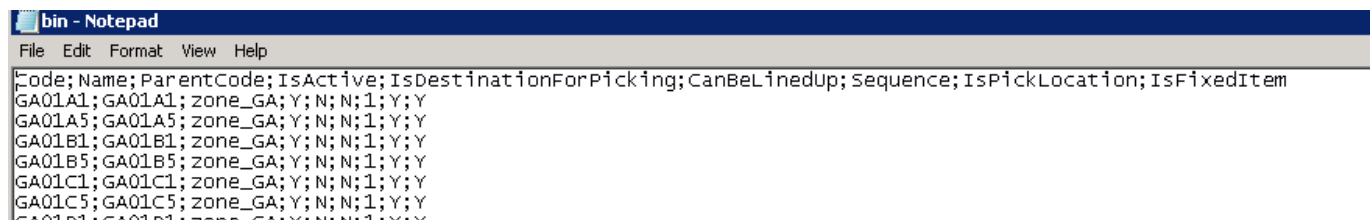
5. Import Bins

- 1. Fill in relevant data in the worksheet Zone and save the worksheet as a CSV file:



After having created the csv file, you should remove the line that contains the data types (usually this is the 2nd line of the csv file).

The CSV file should look like this:



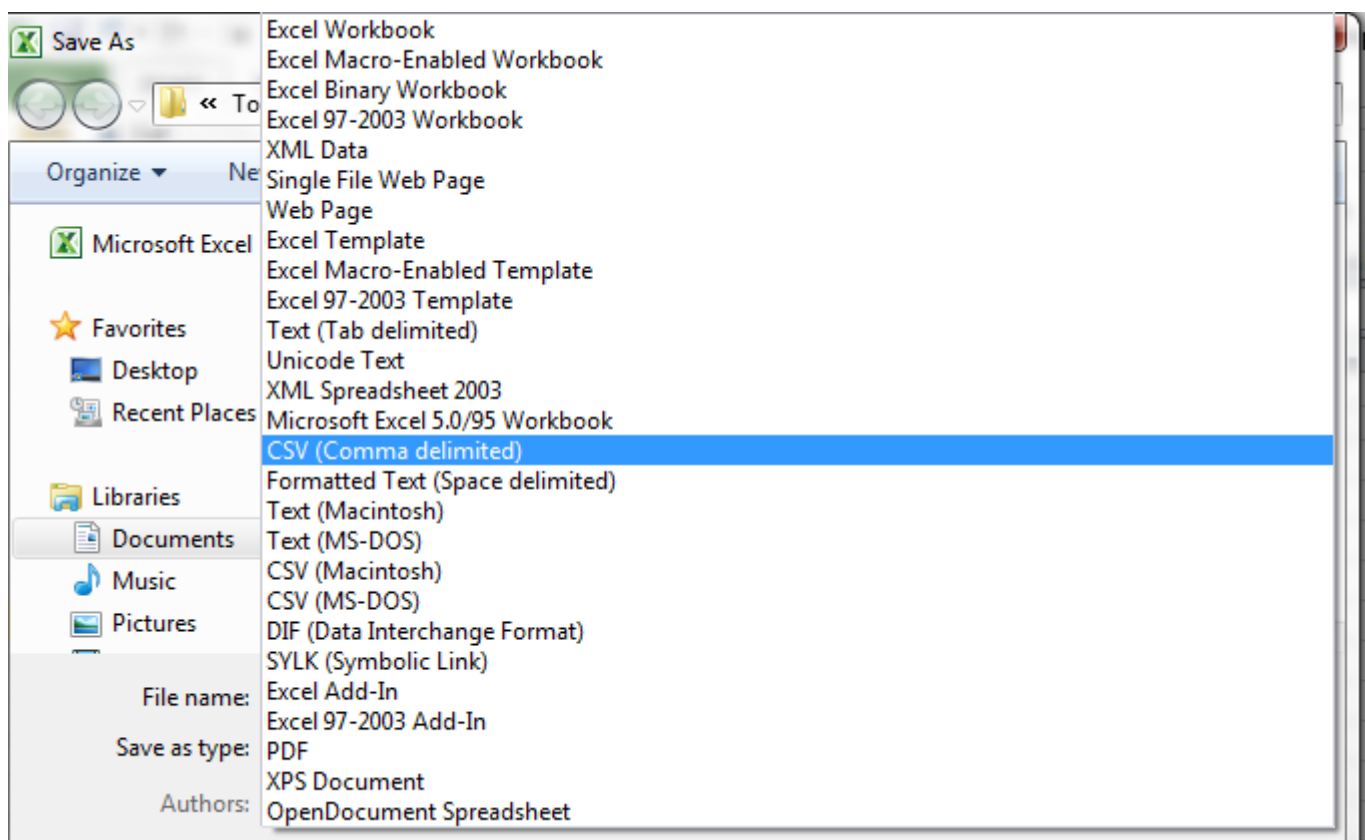
- 2. Launch the import tool by clicking the `Produmex.Sbo.Logex.Tools.ImportTool.exe` in the installation folder of the produmex tools.
- 3. Browse to the CSV file and select 'Zone' in the 'Type' Combo Box

The screenshot shows the 'Import Tool' window. It has several sections:

- File Location:** Three input fields with 'Browse' buttons. The third field is set to 'C:\TEMP\bin (2).csv'.
- Type:** A dropdown menu set to 'Bin'.
- Covert XML-CSV:** Two input fields for 'XML File' and 'CSV File', both set to 'C:\', with 'Browse' buttons and a 'Convert' button.
- Copy data from source to destination DB:** Two text boxes for 'Source database' and 'Destination database' containing connection strings.
- Copy Stock:** A section with 'Get data', 'Copy Stock', and 'Copy OSE' buttons, and dropdowns for 'Quality status' and 'Pricelist'.

6. Import Packaging types

- 1. Fill in relevant data in the worksheet PackagingTypes and save the worksheet as a CSV file:



After having created the csv file, you should remove the line that contains the data types (usually this is the 2nd line of the csv file).

The CSV file should look like this:

File Edit Format View Help

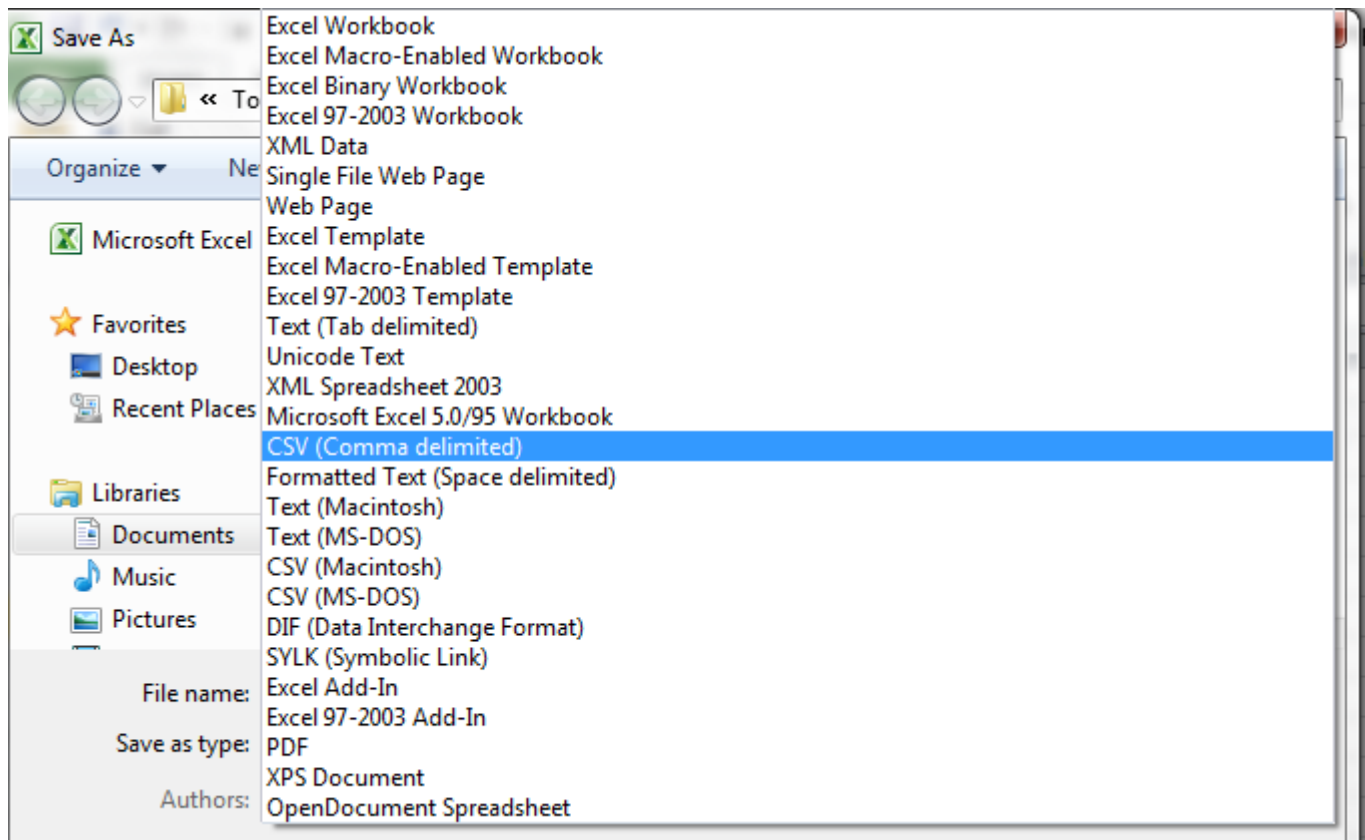
```
ItemCode; PackagingTypeCode; Quantity; Bar codeType; Bar code; AskDuringReception; HideDuringEnteringQuantity
122446; Box; 120; F; 12345353; N; Y
```

- 2. Launch the import tool by clicking the Produmex.Sbo.Logex.Tools.ImportTool.exe in the installation folder of the produmex tools.
- 3. Next to the button 'Item - PackagingTypes' you can browse to the CSV file.

- 4. Click on the button Item Packaging Types

7. Import Zone types

- 1. Fill in relevant data in the worksheet ZoneTypes and save the worksheet as a CSV file:



After having created the csv file, you should remove the line that contains the data types (usually this is the 2nd line of the csv file).

The CSV file should look like this:

```
File Edit Format View Help
ItemCode;ZoneTypeCode
122446:ZONE6
```

- 2. Launch the import tool by clicking the Produmex.Sbo.Logex.Tools.ImportTool.exe in the installation folder of the produmex tools.
- 3. Next to the button 'Item - Zonetypes' you can browse to the CSV file.

Import Tool

File Location Browse Import Localization

File Location Browse Import OSE objects (.xml)

File Location Browse Import OSE objects (.csv)

Type

Covert XML-CSV

XML File Browse

CSV File Browse Convert

Copy data from source to destination DB

Source database

Destination database

Copy Stock

Get data

Quality status

Pricelist

Copy Stock

Copy OSE

File Location Browse Item - CardCode/Shelf Life

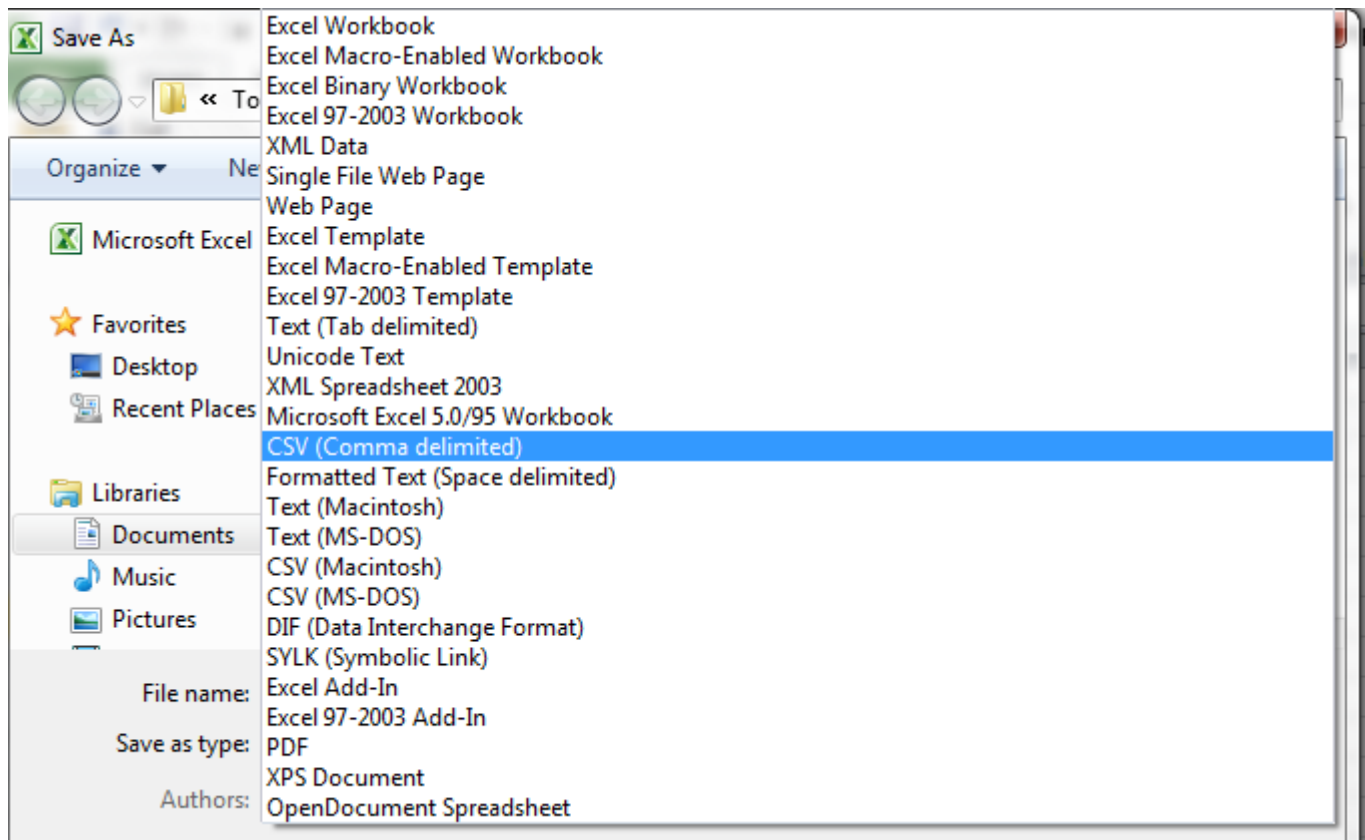
File Location Browse Item - Zone Types

File Location Browse Item - Packaging Types

- 4. Click on the button 'Item Zone Types'

8. Import Customer Shelf lifes

* 1. Fill in relevant data in the worksheet Customer Shelf life and save the worksheet as a CSV file:



After having created the csv file, you should remove the line that contains the data types (usually this is the 2nd line of the csv file).

The CSV file should look like this:

```
File Edit Format View Help
ItemCode,CardCode,ShelfLifeInDays
A006,K00001,94
```

- 2. Launch the import tool by clicking the Produmex.Sbo.Logex.Tools.ImportTool.exe in the installation folder of the produmex tools.
- 3. Next to the button 'Item - Cardcode/ Shelflives' you can browse to the CSV file.

- 4. Click on the button 'Item -CardCode /Shelf life'

9. Import Item Batch Attributes

The import file structure is a CSV file.

An example can be found on the installation ZIP file.

The header line should be:

ItemCode;BatchAttributeCode;ValueEntryOption

Item code

The item code.

BatchAttributeCode

The batch attribute code.

This code should exist in the UDT @PMX_BATT (See page 45)

ValueEntryOption

This will set the way the data can be entered.

More explanation can be found at the item master data explanation. (See page 22)

Possible values:

- REQUIRED
- OPTIONAL
- HIDDEN

IsLinkedToBatch

Is the batch attribute linked to a batch? \ Possible values:

- Y
- N

From:

<http://wiki.produmex.name/> -

Permanent link:

<http://wiki.produmex.name/doku.php?id=implementation:importtool>



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