

# Importing huge amounts of data from an external database

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## Motivation

An application form may contain data from another system or legacy data. Sometimes, the amount of data is huge and the data structure is complex, so the dictionary is not an option.

For example, the application form for medicinal product registration may contain a previous registration certificate number and term that can be taken from the legacy database.

The component “legacy”<sup>1</sup> is responsible for the usage of imported data in an application form.

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<sup>1</sup> Initially, this feature was intended only for legacy data

# Importing procedure

Administratere Authorities and Users Processes Configurations Import System settings Help Exit

3 Save Reload Cancel ?

Download XLSX template 1

Import

File Name	Name	Additional information
all branch retail pharmacies.xlsx	2	File contains data to import (XLSX)
all branch retail pharmacies.xlsxOut.xlsx	4	XLSX file contains data import errors

dataimport\_result  
completed for legacy.ws

Save Reload Cancel ?

Figure 1 The sequency of importing

1. Download and fill – out the XLSX file
2. Upload XLSX file
3. Press “Save” to start data import. The data importing progress bar will appear.
4. Check data import errors.

Administratere Authorities and Users Processes Configurations Import System settings Help Exit

processImportLegacyData

572 of 2333-legacy.pharmacie  
elapsed 5 seconds

processImportLegacyData

4031 of 4031-legacy.ws  
elapsed 67 seconds

Close

Figure 2 The data importing usually takes time. It is possible to use OpenRIMS during this operation.

Figure 3 Data importing is completed, press "Close"

## The template

	A	B	C	D	E	F
1	Name	Alternative Name	Register Number	Register Date	Expiration Date	Notes

Figure 4 The XLSX template

1. Data Columns
  - 1.1. Name - the main name, e.g. full name
  - 1.2. Alternative Name – the alternative name, e.g. abbreviation. Will be the same as the Name, if not defined.
  - 1.3. Register Number – some number associated with the object, e.g. the state registration number. It is not mandatory.
  - 1.4. Register Date, Expiration Date – validity interval. These dates are not mandatory.
  - 1.5. Notes – any textual information that will be needed. Will be truncated to 500 chars.
2. Legacy Data URL – The URL under which the data will be stored in the OpenRIMS database. It is possible to include many sheets in an XLSX file – one sheet per URL

## Application of the XLSX template for legacy data

Below is an example of the application of the XLSX template to represent the legacy medicinal product registration data.

#	Template field	Semantic	
		Product	Sites
1	Name <sup>2</sup>	Marketing name	Full official name
2	Alternative name <sup>3</sup>	INN	Also known under this name or alternative name
3	Register number	The unique number in the national register	
4	Register date	Date of the national register	
5	Expiry register data	Date until this entity is valid in the national register	
6	Description	Any necessary textual data – certificate owner, etc	

Table 1 Application of the XLSX template for legacy data

<sup>2</sup> <https://www.w3.org/TR/skos-reference/#prefLabel>

<sup>3</sup> <https://www.w3.org/TR/skos-reference/#altLabel>