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" is responsible for the usage of imported data in an application form.

¹ Initially, this feature was intended only for legacy data

Importing procedure

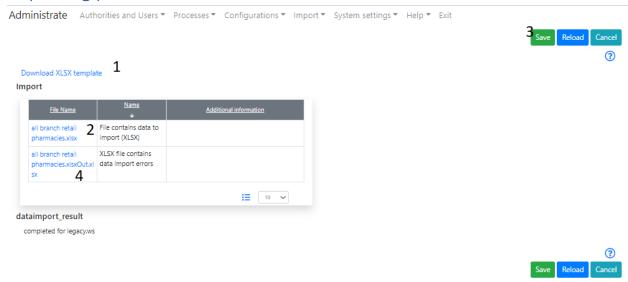


Figure 1 The sequency of importing

- 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.

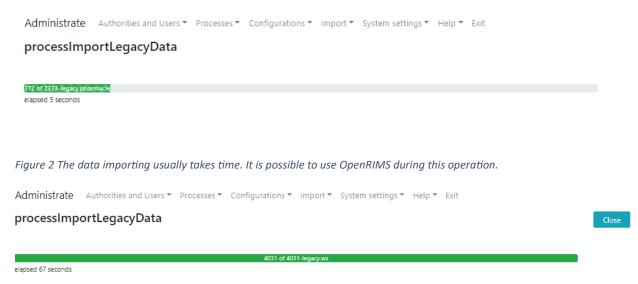


Figure 3 Data importing is completed, press "Close"

The template

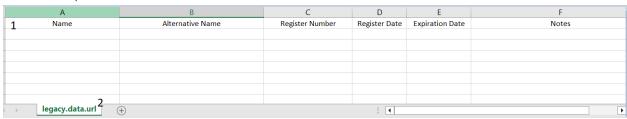


Figure 4 The XLSX template

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 ²	Marketing name	Full official name	
2	Alternative name ³	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

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

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