

"common tool for variable naming and URI generation" :

Program :

Day1 : Friday, April 16, 10:30 - 12:00 CET : Presentation of the interface and models. (video + in situ demonstration and short discussion), with a reminder of the data model behind it.

Day2 : Tuesday, April 20th, 13:00 - 14:30 CET : Hands on practice with input of your own data + discussions + short presentation about the implementation of these tools in the information system PHIS.

You can also join just one of the two sessions if you cannot attend both. Some content will be put online at the end of the day1, as well as the end of day2.

This tool will help you to adopt the good data practices promoted by Emphasis and EPPN2020 towards object identification (URI generator) and variable naming.

This tool stands alone for variable naming and URI generation, but it is also a first step towards a full information system. Hence, we will finish day 2 with a short presentation about the implementation of them in the information system PHIS.

To access the tool "common tool for variable naming and URI generation" :

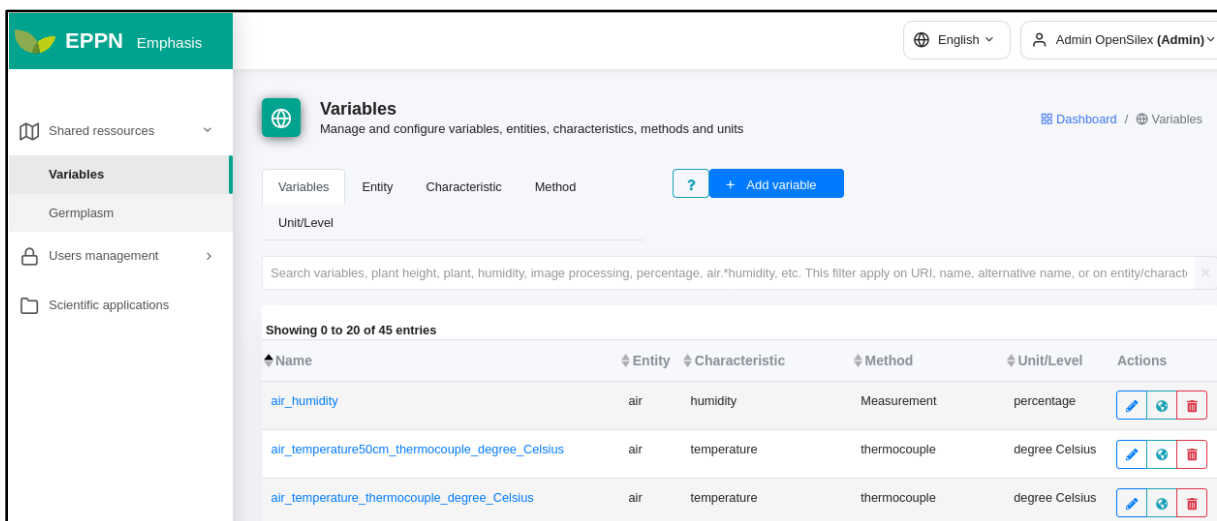
<http://138.102.159.36:8082/app/>

id : guest@opensilex.org

password : guest

Variable Naming :

- Interface to declare and share variables :



The screenshot shows the 'Variables' management interface within the EPPN Emphasis system. The interface is in English and is accessed by 'Admin OpenSilex (Admin)'. The main content area is titled 'Variables' and includes a sub-header 'Manage and configure variables, entities, characteristics, methods and units'. There are tabs for 'Variables', 'Entity', 'Characteristic', and 'Method', with a '+ Add variable' button. A search bar is present with a filter description: 'Search variables, plant height, plant, humidity, image processing, percentage, air.*humidity, etc. This filter apply on URI, name, alternative name, or on entity/characteristic'. Below the search bar, it indicates 'Showing 0 to 20 of 45 entries'. A table displays the following data:

Name	Entity	Characteristic	Method	Unit/Level	Actions
air_humidity	air	humidity	Measurement	percentage	[Edit] [Share] [Delete]
air_temperature50cm_thermocouple_degree_Celsius	air	temperature	thermocouple	degree Celsius	[Edit] [Share] [Delete]
air_temperature_thermocouple_degree_Celsius	air	temperature	thermocouple	degree Celsius	[Edit] [Share] [Delete]

- How to declare a variable :

UV Add variable ? x

URI

autogenerated URI

Entity [?] * x ▾ +

Characteristic [?] * x ▾ +

⚠ Trait already existing in an ontology

Method [?] x ▾ +

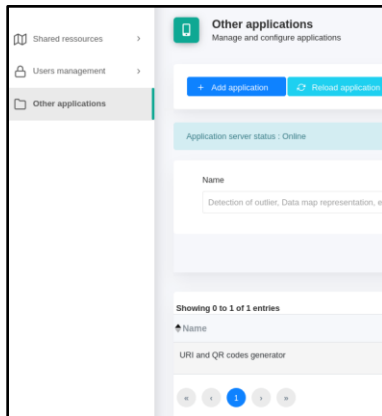
Unit/Level * x ▾ +

Name *

Alternative name

Data type [?] * x ▾

Generate URI / QR-Codes for your resources:



Provide a csv table of your data. Expected format is the [following](#) .

Connected as test

1 Import your file
A file with one row for each resource you want to generate a URI for.
 Aucun fichier sélectionné.

Details: ▾

2 Host Name

Installation name

Object Type
 ▾

3 Data to put in the URI

Project related

Year

You can find the file in your Download folder (default settings)