ONTOLOGY CONFIGURATION ONTOLOGY EDITOR TOOL

20 SEPTEMBER 2023 I JITHU MURUGAN

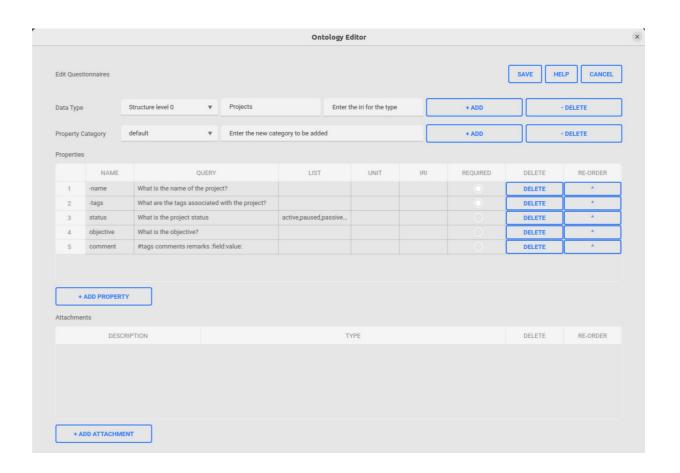


USAGE

How to launch the tool

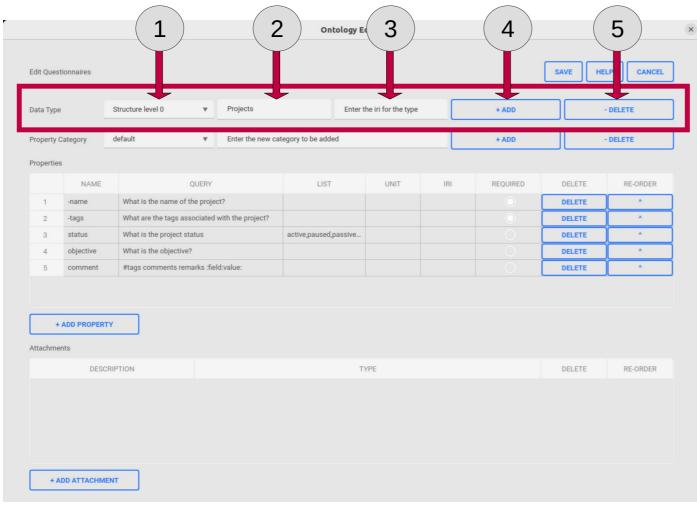
Follow the below given steps to open the tool

- Open PASTA Application
- Go to System | Questionnaires or press F8
- Ontology editor will be opened with the loaded data from the database as shown in the picture





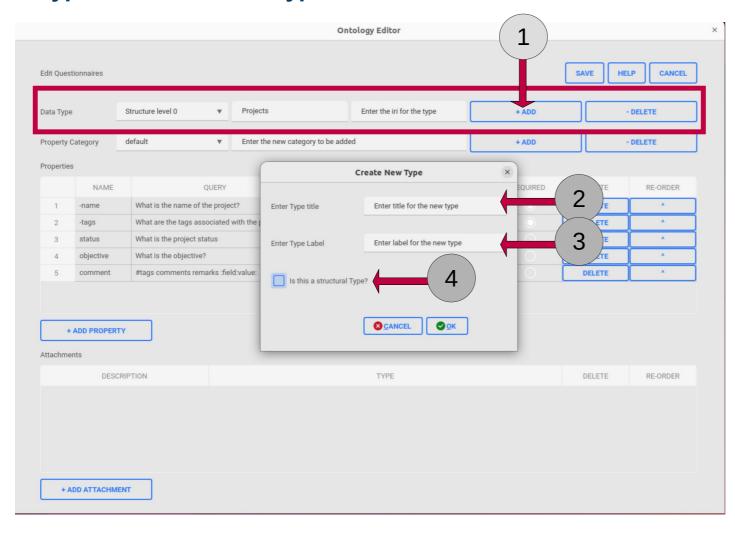
Data type tools



- Select the data type to be edited from the combo-box list
- 2. Edit the **label** of the selected type
- 3. Edit the Internationalized
 Resource Identifier (IRI)
 associated with the selected
 type
- 4. Add a new **type** to the list
- 5. Delete the selected **type** from the list

Forschungszentrum

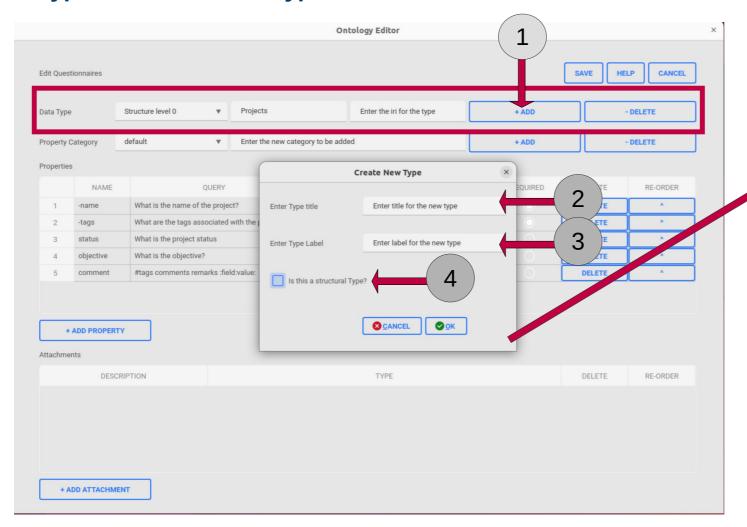
Data type tools: Add new type

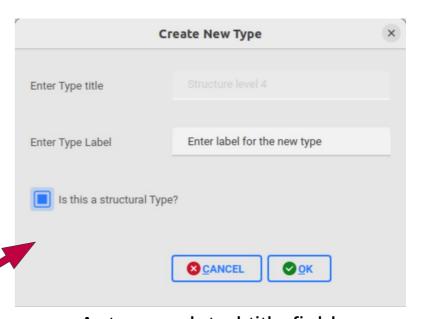


- Click "+ Add" button to open the "Create New Type" window
- 2. Enter the **title** for the type
- 3. Enter the **label** to be associated with the type
- 4. Select the check-box if you need to add a structure level type (x0, x1,...xn)
 - If checked, the **title** will be auto-populated



Data type tools: Add new type

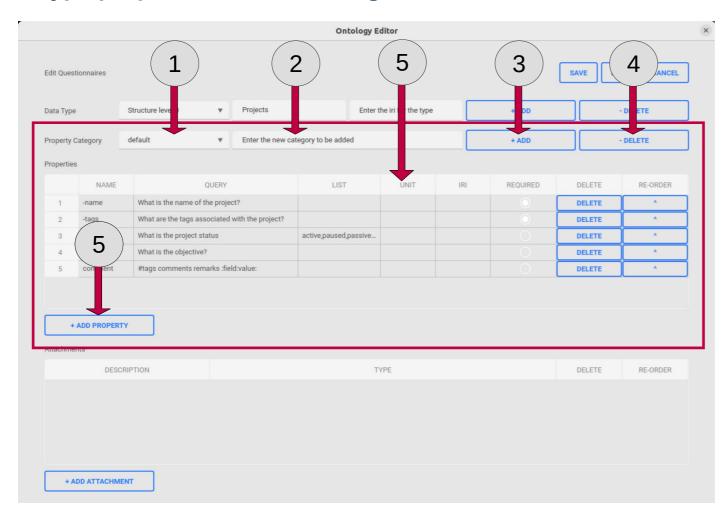




Auto-populated title field



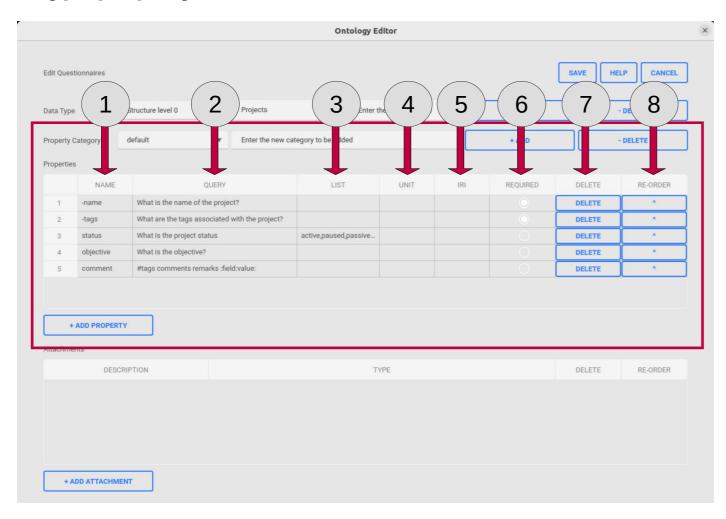
Data type properties list with categories



- 1. Select the *property list category* from the combo-box associated with the selected type
- 2. Enter the new *property list category* name to be added
- Add the new property list category
 - When a new category is added, the
 property list table will be cleared and
 default properties (-name & -tags) will be
 added automatically
- 4. Delete the selected *property list category*
 - The selected category will be deleted and the next one in the list will be displayed
- 5. Property list table for the selected category
- 6. Add a new row to the *property list table* for entering a new property to the selected category



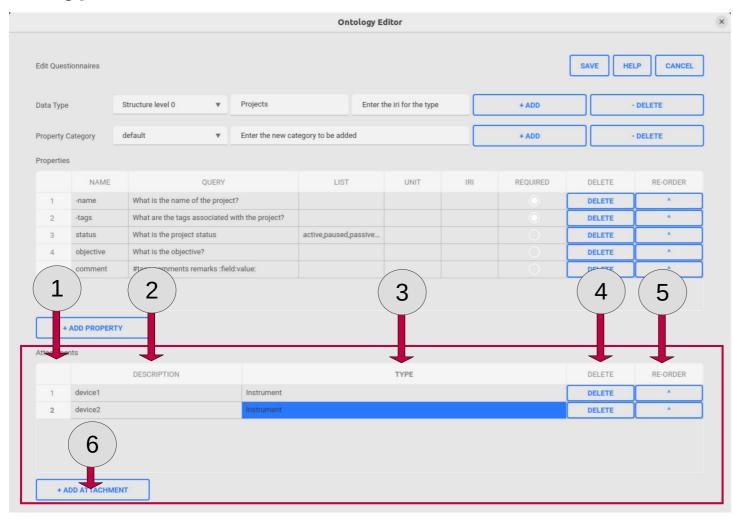
Data type property attributes



- 1. Name of the property
- Query associated with the property
- 3. List associated with the property
- 4. Unit for the property
- 5. Internationalized Resource Identifier (IRI)
- 6. Required attribute of the property
- Delete button to delete the property from the table
- 8. Re-order button to move up the property in the table



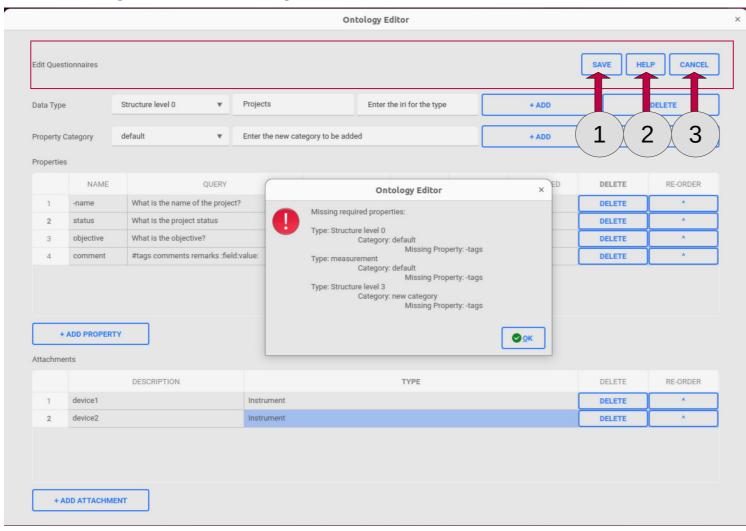
Data type attachments



- Attachments table which lists all the attachments associated with the selected data type
- **2. Description** (*eg. device name*) attribute of the attachment
- **3. Type** of the attachment, can be any previously defined data types
- 4. Delete the attachment from the **attachments table**
- Re-order button to pull up the item to the top of the attachments table
- 6. Add a new attachment row to the **attachments table**



Save, help and cancel operations



- Save the changes made on the ontology data loaded from database
 - Save operation will check within each type, if all the required properties (-name & tags) are defined by the user for every category
 - If all set, then success message will be shown for the save operation
 - Otherwise an error will be displayed with the missing required properties for the respective type categories as shown in the picture
- 2. Navigate to the help page of the ontology editor
- 3. Cancel all the changes done so far on the loaded ontology data and exit the editor



THANKS

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