The I-ADOPT Variable Modelling Workshops

Prepare your I-ADOPT variables

RDA InteroperAble Descriptions of Observable Property Terminology WG (I-ADOPT WG)

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Created by

In collaboration with

Different options how to prepare your variable

You can choose to prepare your variable descriptions (**partially or fully modelled**) in one of the formats below (either human-readable or RDF), depending on your skills and preferences.

Creating human readable output:

A. Excel template

Creating machine-readable (RDF) output:

B. Online form

C. Turtle file

Please **upload your variable models** to this [folder](#), labeling the files with your name.

Option A: Excel template

Download raw file

Raw

- Go to this template and download it or

- Make a copy of the template in google sheet

- Use one tab per variable, copying the template to each tab

- Name the tab with the provided variable name

- Use new rows for multiple Constraints or ContextObjects as shown in the provided example

- Green columns are mandatory for a variable to be valid

- White columns are optional

- Purple columns are for the links (URIs) to semantic concepts, they are folded but can be unfolded by clicking on the + button

- Yellow columns can be useful in the modelling process
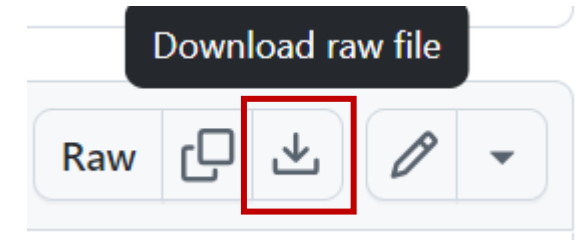
Template: https://github.com/i-adopt/i-adopt.github.io/blob/main/material/OMS-I-ADOPT_template.xlsx
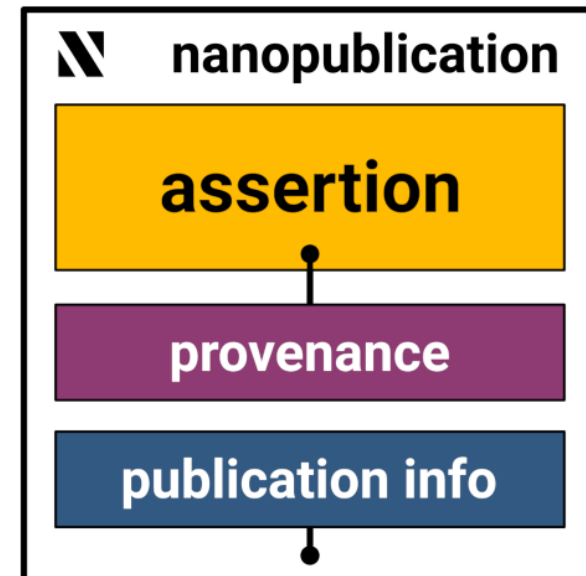
Option B: Online form

- The online form is a nanopublication template.

- A nanopublication is a small RDF knowledge graph which allows to create machine readable RDF statements with associated provenance information.

- To use the template you need to have an ORCID. Please follow the instructions online. Find here an example.

- Provide the full identifiers of the published variable nanopublications in a zipped txt file.

Template:
https://nanodash.knowledgepixels.com/publish?16&template=https://w3id.org/np/RAGUWnXKhfKYwmMoDK-LVXlEnnGdAuzFZKR9FZsXHJsxQ
Example:
https://w3id.org/np/RANsVBnIjFjay8xxt_Iw3io3zq4IOei23TkTUPx4WsLFc

Option C: Turtle file

- Create one turtle file per variable

- See this RDF turtle file as an example

- Use a mocked, local identifier for your variable (=name of the turtle file)

- If you can not find a semantic concept for a component, use a local identifier and assign a proper label

https://github.com/i-adopt/examples/blob/main/EnvThes/30351.ttl