ACRID RDF Ontology

Overview

These files contain RDF/OWL Ontology representations of the ACRID UML model (Work package 2.2) and the external models (ISO 19115, ISO 19115-2, ISO 19156 and CSML) that it depends on.

These ontologies are intended to enable expressing instances of the ACRID model in the form of RDF triples, and thereby to facilitate linked-data representations of the CRU workflows described by the model.

ACRID Ontology Files

Main Ontology:

1. cru_workflow.owl

Imported Ontologies:

1. iso-19115-metadata.owl
2. iso-19115-metadata-2.owl
3. iso-19156-om.owl
4. csml.owl

Ontology Viewing Instructions

Simple (but mundane) way 1:

1. Open any of the ".owl" files in Notepad or similar application to view the RDF triples in plain text format.

Simple (but mundane) way 2:

1. Open any of the ".owl" files in Internet Explorer or Firefox to view the RDF triples in XML. (If your browser has RDF viewing plug-in installed, such as tabulator, it should possible to view the triples in a visually richer manner)

Complex (but visually better) way 1:

1. Download and install Protégé software from http://protege.stanford.edu/download/download.html.
2. Open Protégé and click on "Open ontology" option when prompted. This will allow navigating to the ".owl" files and open them.

<u>Complex (but visually better) way 2:</u>

1. Download and install Altova SemanticWorks from
   http://www.altova.com/semanticworks.html(free trial version).
2. Open it and open an ".owl" file of your choice from the File menu on the menu
   bar across the top.