

## User evaluation of the synchronized graphical and source code editor for RDF vocabularies

Please go to <https://rawgit.com/alecsa/MasterThesis/master/turtle-editor.html> and solve the following tasks using the web editor:

- a) Load *Country.ttl*. Go to the graphical view and add a new language label for *mv:Country* (e.g. "Pays"@fr).
- b) Uncheck "Hide defaults" in order to see the nodes from the RDF, RDFS and OWL vocabularies.
- c) Click "Split view".

The following tasks shall be done using the graphical view:

- d) Define a new property entity by adding a node (e.g. "Prop1") and make it of type (rdf:type) *rdf:Property*. Note that the *rdf:Property* node already exists.
- e) Click on the new node to see it in text.
- f) Make *mv:Country* the property's domain (rdfs:domain) and *rdfs:literal* its range (rdfs:range). Note that the *rdfs:literal* node already exists.
- g) Add a description for the property.
- h) Modify the property's label (e.g. "Prop2").

The following task shall be done using the code view:

- i) Delete the property node.

1. How much do you agree with each of the following statements?

	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
The graph visualization represents the information in an understandable way	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The graphical editor is intuitive to use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The synchronization helps with understanding the code representation in Turtle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Do you have any suggestions?