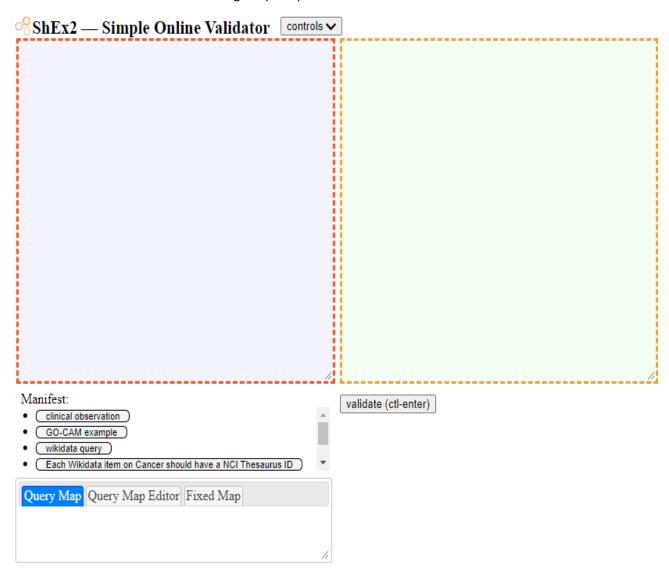# ShEx2 Manual

ShEx2- Simple Online Validator(http://shex.io/webapps/shex.js/doc/shex-simple.html) is a tool that allows the validation of RDF data using Shape Expressions. It looks like this::
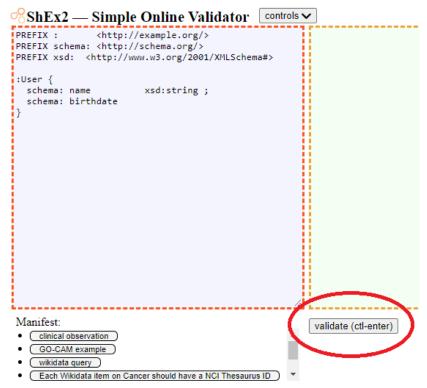

The green panel on the right is intended for entering data in RDF to be validated by the Shapes written in the purple panel on the left.

For this experiment, we are only going to focus on the creation of Shape Expressions, so it will not be necessary to learn how to perform validations with the tool and we will only make use of the purple panel on the left. However, we are going to use the button called "validate (ctl-enter)", since it provides us with information about syntax errors committed in our Shapes.

Error checking

If we write schema with syntactic errors like the following and click on the validate button:

In the lower part of the tool, the errors found will be displayed:

If we do the same but with a schema without syntactic errors, we will get a result similar to the following:

Wikidata

Unfortunately, this editor does not offer any extra functionality to work with Wikidata entities and properties. So if we want to reference a Wikidata entity or property we will have to look them up directly in the Wikidata page (https://www.wikidata.org/) to know their unique identifier: