LexEVS Meeting Minutes - Value Set Architecture Planning Session - 2017.01.19

Attendees

Name	Role	Present
Ong, Kim L	IS	x
Lucas, Jason R	IS	x
Safran, Tracy	NIH/NCI [C]	x
Wynne, Robert	NIH/NCI [C]	x
Bauer, Scott	Mayo	x
Stancl, Craig	Mayo	x
Endle, Cory	Mayo	x

Agenda

Review of Kim's Resolved Value Set Proposal (Kim)	Discussion Points:
	
	• Kim described his approach:
	   ◦ Kim's approach would eliminate the need for all of the current resolved value sets.
	   ◦ Kim's one OWL file would replace all of these.
	   ◦ Can use Protege to find all parent-child (subClassOf) and concept_in_subset (A8) relationships in NCI Thesaurus.
	   ◦ Resolving values sets with Kim's OWL file would take about 5 seconds.
	• OWL file would be loaded after VS coding schemes are loaded.
	   ◦ All 740 value set definitions would be created.
	• This would bypass the existing lexevs value set API
	• We would use the OWL API to pull data out of the OWL text file.
	• We would need extra code generated against the OWL API to accomplish this.
	• With this change, the browser will change from the RSV API to the coding scheme API.
	• These changes are only for the NCIT.
	• The LexEVS model and API will not change.
	• The generated OWL file doesn't have a single header concept.
	   ◦ The top node
	• Kim confirmed that the value set editors will not have any additional work using this process.
	
	Decision Points:
	
	• **Requirements**
	   ◦ Generate: NCI_Thesaurus_Value_Set.owl file
	   ◦ Create convenience method: restrictToMatchingProperties (OR) on multiple matching values.
	      ■ What is the expected input/output?
	      ■ Kim to provide a use case/example for the input/output
	   ◦ Load OWL file in less than an hour.
	   ◦ Kim to make list of all requirements for generating the OWL file.
	• Create a JIRA item to track this issue.

REFERENCES

Kim's value set proposal reference file

value_set_alternative_approach.txt

Value Set Issues Identified during 2016.12 Technical Face-To-Face

2016.12 Technical Face-To-Face Prioritization List