

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.
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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](#)