

that may no longer be current. Change information within a vocabulary satellite can facilitate impact analysis on existing satellite resources.

- A formal metric will be implemented showing key performance indicators on manual curation turnaround times, number of reruns for tagging and precision/recall ratios against Gold sets. These metrics will be used to guide taxonomy maintenance and tagging jobs in a cost effective way.

Currently, XML Schema and RDF-based technologies are sufficient to engineer the satellite workflows. It is anticipated that the implementation will move towards RDFS (W3C, 2004b) to allow for model-driven validation of the satellite vocabularies. The implementation of OWL, as proposed by the work of Ciccarese et al. (2008), is not yet considered as the impact on existing technology stacks will prove to be counterproductive in this phase of the lifecycle of the satellite model.

References

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