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Abstract

Controlled vocabularies inject semantic constraints into domain models. Generally speaking, such vocabularies decompose to lists of terms. Within the context of a project, e.g. CMIP6, only a subset of vocabulary terms is considered to be in scope. To support the construction of intuitive user and command line interfaces, it is essential that **all published metadata** is validated against controlled vocabularies. Such metadata pertains to datasets, files, aggregations, documentation ...etc. Currently, applications that leverage controlled vocabularies (e.g. ESG-F publisher, ES-DOC questionnaire) are not built upon a canonical controlled vocabulary service. This presentation is designed to open up a discussion upon this subject.