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CEDAR is developing novel methods and tools to simplify the process by which investigators annotate their experimental data with metadata

In biomedicine, good metadata is crucial to finding exp datasets, to understand how experiments were performe reuse data to conduct new analyses

The CEDAR Workbench (cedar.metadatacenter.net) is a Web-based tools for the acquisition, storage, search, and metadata acquisition forms (metadata templates). One o tools is the Metadata Editor, which allows users to fill in metadata templates with metadata



Faster and Better Metadata Authoring using CEDAR's Value Recommendations

ed, and to	BioSample Human
a set of of reuse of of those	Sample Name" 056X Organism Homo sapiens Tissue brain Sex male Isolate" N/A Age" 74 years Biomaterial Provider" Life Technologies E Optional Attribute 1 Name disease Value 1 Name disease Value 1 Name disease (DOID) (39%) 2 central nervous system lymphoma 2 autistic disorder (DOID) (22%) 3 melanoma (DOID) (5%) 4 Edwards syndrome (DOID) (2%) = 5 schizophrenia (DOID) (1%)
CEDAR's Value Recommender identifies common patterns in the metadata repository, and generates real-time suggestions for filling out metadata templates	Value Reco
real-time and	alysis

Based on: Panahiazar et al. Context Aware Recommendation Engine for Metadata Submission. First Int Work Capturing Sci Knowl. 2015;3–7.

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CEDAR is supported by grant U54 AI117925 awarded by the National Institute of Allergy and Infectious Diseases through funds provided by the trans-NIH Big Data to Knowledge (BD2K) initiative (www.bd2k.nih.gov) Contact: marcosmr@stanford.edu



