

The NIH BD2K

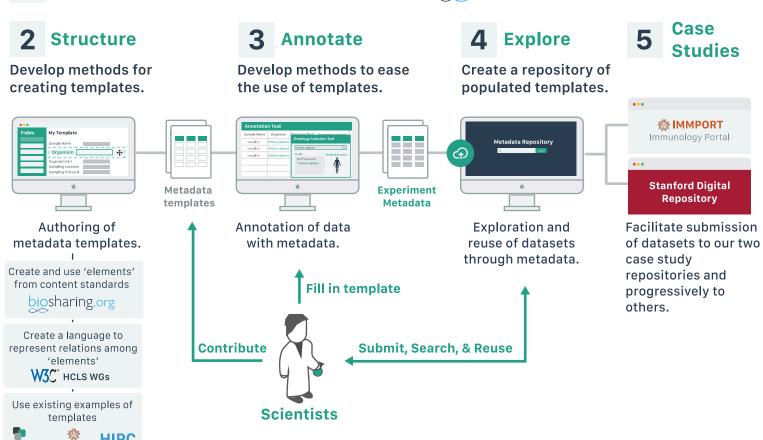
Center for Expanded Data Annotation and Retrieval

Most researchers understand the value of standardized descriptions when using third-party datasets; but when asked to structure and enrich the description of their own datasets, prior submission to databases, they view requests for even "minimal" information as burdensome.

CEDAR is studying the creation of comprehensive and expressive descriptions of datasets, using community standards, and lowering the bar for authoring metadata, in order to facilitate data discovery, interpretation, and reuse.

Our Approach

1 Map the landscape of content standards via biosharing.org







isatools IMMPORT

Analyze the CEDAR repository of populated templates to reveal patterns in the metadata that will enable the metadata tools to use predictive data entry to ease the task of filling out the templates.



Augment those metadata with links to the published literature (including secondary analyses and retractions).



Augment those metadata with links to follow-up experiments (in online databases and in the literature).



Allow the scientific community to comment on the experiment through structured metadata.

metadatacenter.org

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