CED\textsuperscript{2}AR

The Comprehensive Extensible Data Documentation and Access Repository

CED\textsuperscript{2}AR is a lightweight metadata curation tool built around the Data Documentation Initiative (DDI) standard.

Core Features
- Cross codebook searching and browsing
- Online editing controls
- RESTful API
- Automatic DDI validation
- Online or offline deployments
- OAuth and OpenID support
- Built-in Git versioning
- Schema.org integration

DDI XML

DDI Metadata is ingested
CED\textsuperscript{2}AR natively stores metadata in the Data Documentation Initiative (DDI) 2.5 standard. This allows the system to maintain a high level of interoperability by only using open standards.

Core Features

CED\textsuperscript{2}AR uses Git, a distributed version control system to replicate and version metadata. This enables a crowdsourced metadata curation workflow.

Metadata is versioned

Google
Yahoo
Bing

Search engines use schema.org to translate DDI

DDI XML + schema.org

SIPP Synthetic Beta v6

DDI Metadata is ingested

Users can access an online editing interface to easily make contributions towards a codebook. No advanced knowledge of DDI is required, as the system provides instructions and guidance.

Community contributes and changes metadata

Git

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www2.ncrn.cornell.edu/ced2ar-web

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