EESP Application

Evidence2e-Codex & EXEC Workshop

CETIC

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E2E EESP Application

- Evidence Exchange Standard Package (EESP) Application
- Web Application for management and packaging of Cyber-Investigation information
  - https://evidence2e-codex.cetic.be/
- Uses the CASE Standard (https://caseontology.org/)
  - Data Model
  - Representation Language (JSON-LD format)
EESP Application Architecture

Backend

ORS

Packaging Services

REST API

Frontend

Application client

www.evidence2ecodex.eu
EESP Application Backend

- The Ontology Repository Services (ORS)
  - [https://github.com/cetic/ORS](https://github.com/cetic/ORS)
  - Backend generation from UCO/CASE Language
  - ORS Protégé Plug-in
  - REST API with web interface
Application Frontend (UI)

- [https://evidence2e-codex.cetic.be/](https://evidence2e-codex.cetic.be/)
- Display/edit of CASE documents
  - Hierarchical view with schema generated by ORS
- Custom Views - using the tabs/accordion design
- Forms for creating CASE documents
- Report view and Chain of Evidence view based on a query graph
Packaging and exchange

- Packaging Services
  - Evidence Package: encrypted archive of CASE files
  - Evidence Data: Potential Evidence file attachments
  - Manifest file
Demo Video
Architecture – EESP Packaging API