

Delving Mapping Engine CRM-SIG, Plovdiv

Delving, 26-09-2024

DELVING B.V.

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Background

- Delving is an Open Source first software company since 2010
- Our main product is an aggregation platform that published Linked Open Data at scale
- We also provide an integrated Content
 Management solution that integrates Arches
 (museums) and Archivesspace (archives)

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Focus Today

- Sip-Creator visual mapping tool:
 - Analysis of source data
 - Drag and drop mapping of source to target
 - Review and search generated RDF
 - Code-tweaking per mapping



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Challenges with CIDOC-CRM

- Building the models and documentation so that non-experts can still do mappings
- Dealing with deeply nested models

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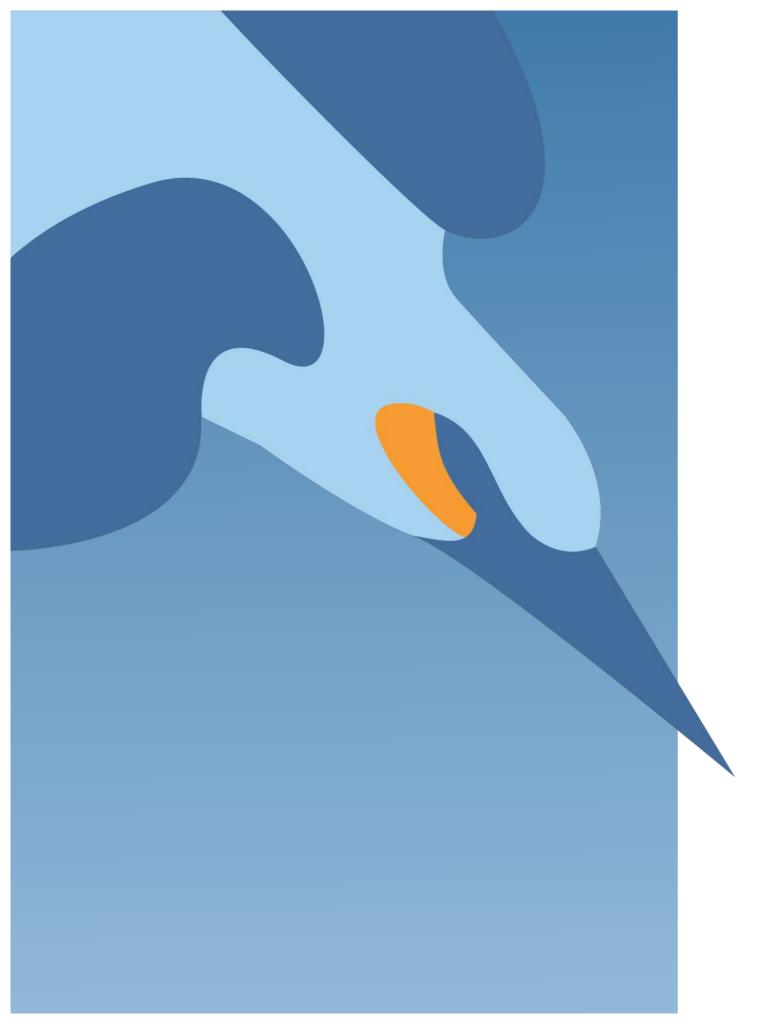
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Solutions

- Using Arches Designer to create the models based on the CIDOC-CRM ontology
- Converting the models to a Sip-Creator record definition
- Using human readable labels next to the CRM codes to easy semantic understanding



Demo

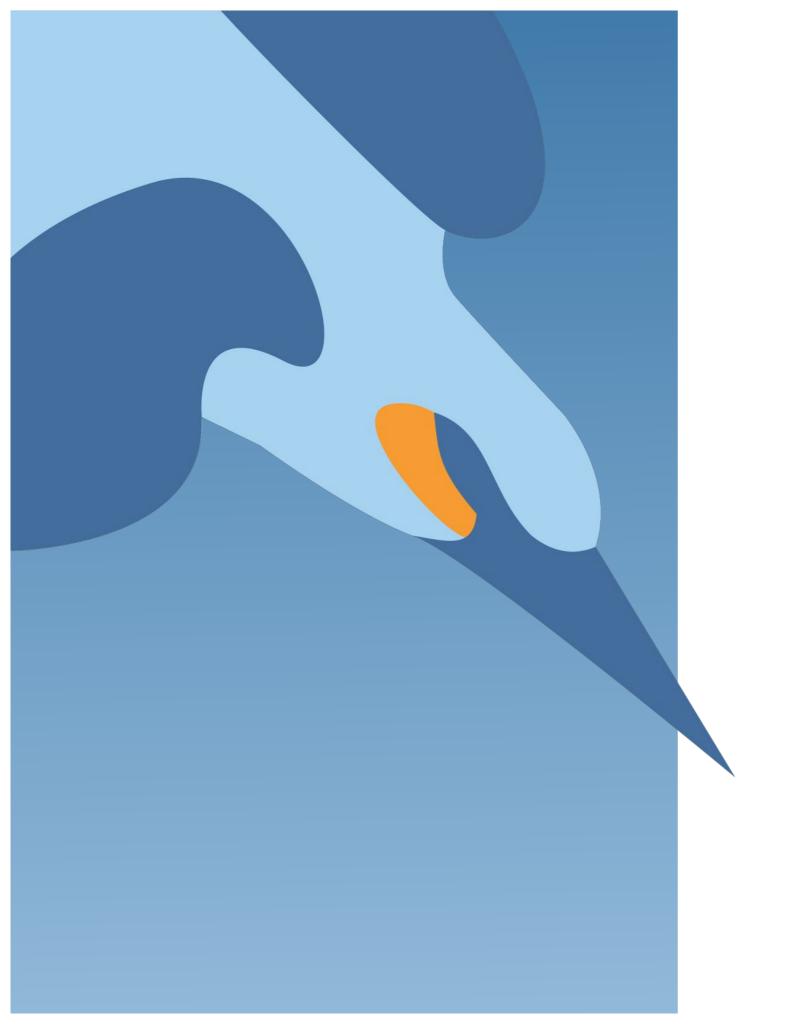
Roadmap

- Create dynamic road-trip between models in Arches and the Sip-Creator
- Move towards a web-based version of the Sip-Creator
- · Drive validation via Arches Designer models
- Provide web-based interface to document models, use-cases, validation and best-practices

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Collaborations

- Together with Farallon Geographics (US), Flax & Teal (Northern Ireland):
 - develop an arches-companion that will integrate the Mapping Engine with Arches for ingestion and migration workflows
 - develop a dynamic Graphql engine that allows for a user-friendly way to query, manipulate and discover CIDOC-CRM records



Q&A