

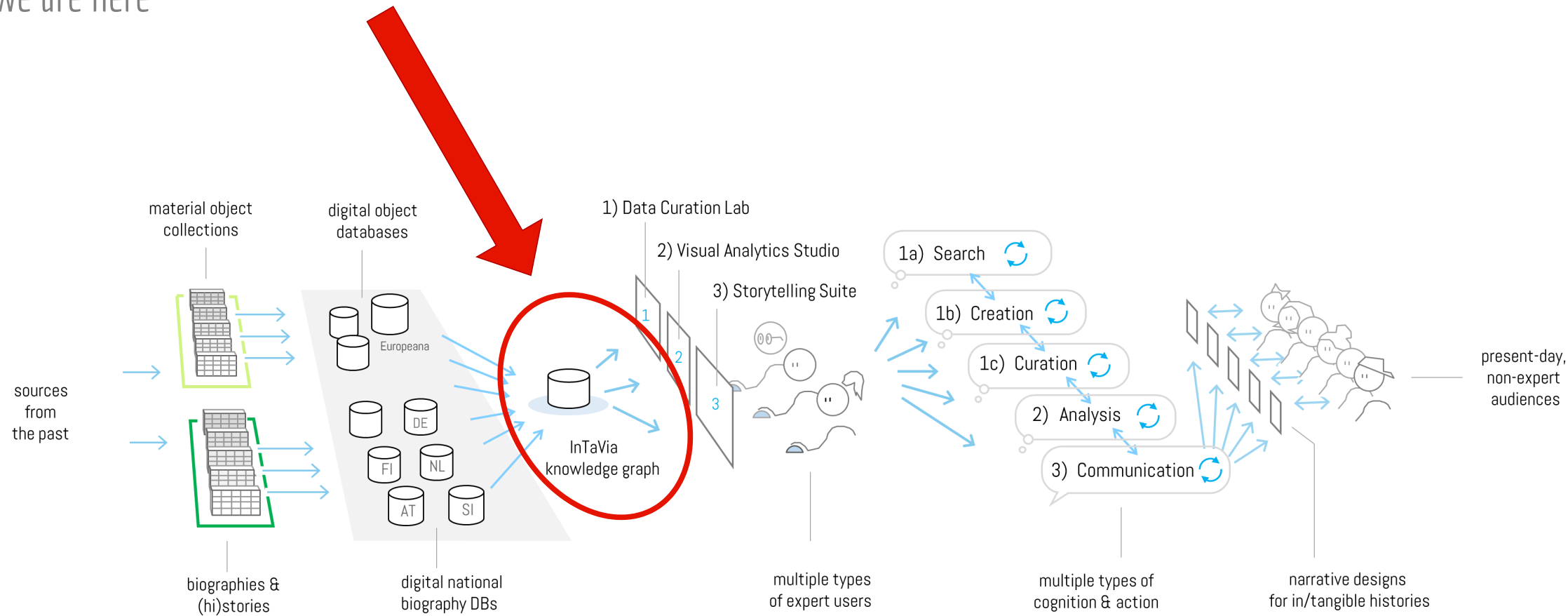
WP3: Data Integration and Curation

Please use the spacebar to run through the slides

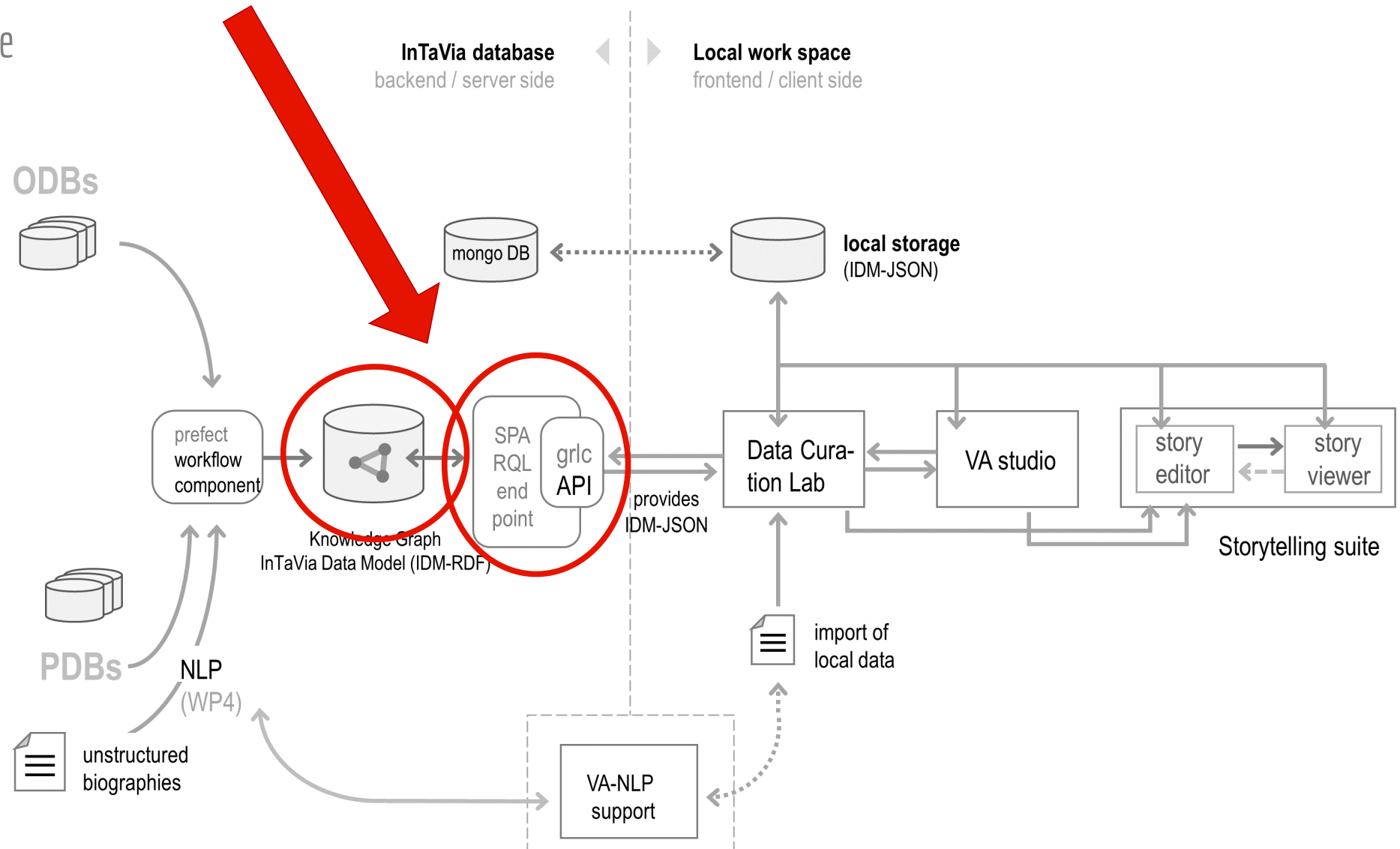
Contributors

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- Krems: Florian, Eva and Johannes
- Stuttgart: Steffen and Samuel
- ÖAW: Carla

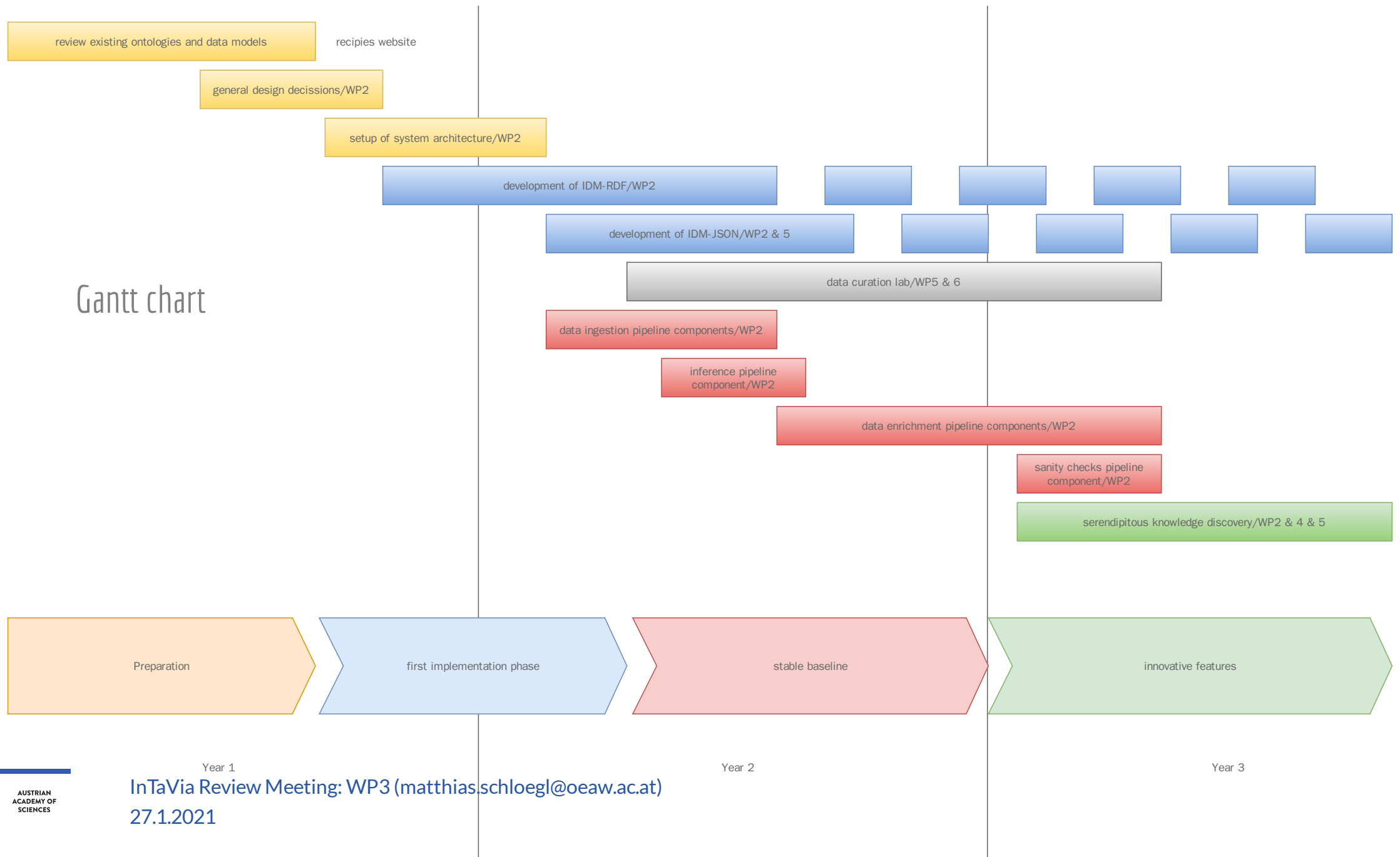
We are here



We are here



Gantt chart



Modeling Recipes

This is a repo to share recipes of modelling entities and/or relations between entities in prosopographical projects.

Goal of this Website

We realised that there are not much resources regarding data model and/or ontologies that one can use as guidance when starting a prosopographical project and that a lot of projects could be interested in the mapping/modelling attempts. Additionally for some time now there are attempts to create quasi standards for data models/ontologies in the prosopographical research. However, so far these attempts have not gained much traction. We hope that collecting modelling examples on a fine granular level (on entity level rather than the whole data model) will contribute to more harmonised models.

The basic idea is that in a first step we collect modelling examples of single entity types (e.g. a person or a letter) of the various projects. In a second step we will then create howtos on modelling the entity types in the wiki of this repo and in a final step publish these howtos.

More about this Website

Modeling Recipes:

CONTACT



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InTaVia is a H2020 research and innovation action funded by the European Commission within the Call DT-TRANSFORMATIONS-12-2018-2020 "Curation of digital assets and advanced digitisation" (project ID: 101004821)

<https://acdh-oeaw.gitlab.io/intavia/modeling-recipes-WP3/>

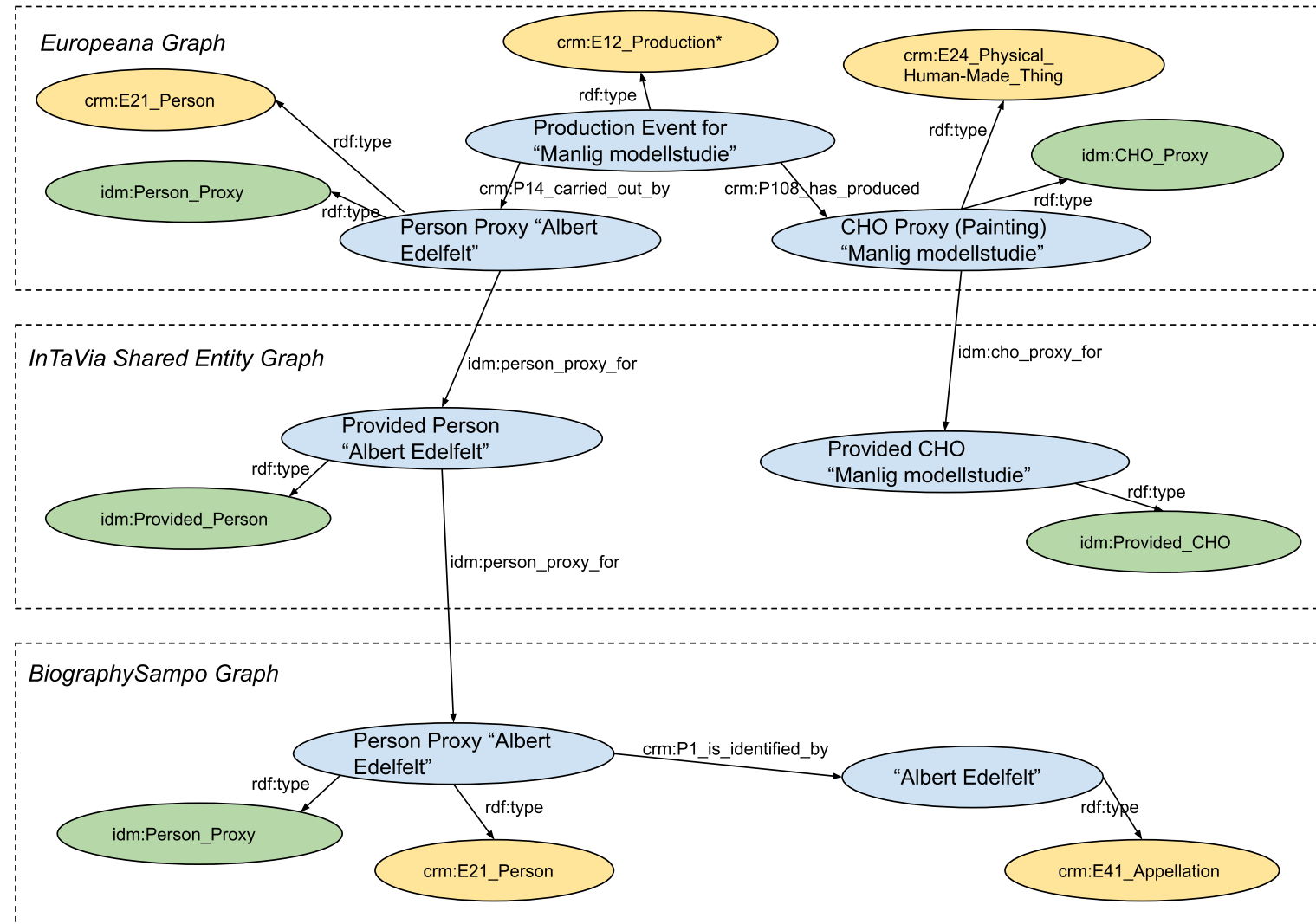
InTaVia Review Meeting: WP3 (matthias.schloegl@oeaw.ac.at)

27.1.2021

IDM-RDF

- Based on CIDOC CRM v7.1.1
- BioCRM extension (developed by Aalto)
- RDF Named Graphs for separating sources
- EDM inspired CRM native modeling of cultural heritage data
- Preliminary mapping of IDM-RDF to EDM in D3.4 appendix 3
- PROV-O and P-Plan for provenance data
- BIBFRAME for references and citations
- adapted interpretation of Europeana's proxy model,
which adapts the OAI/ORE model

IDM-RDF named graphs

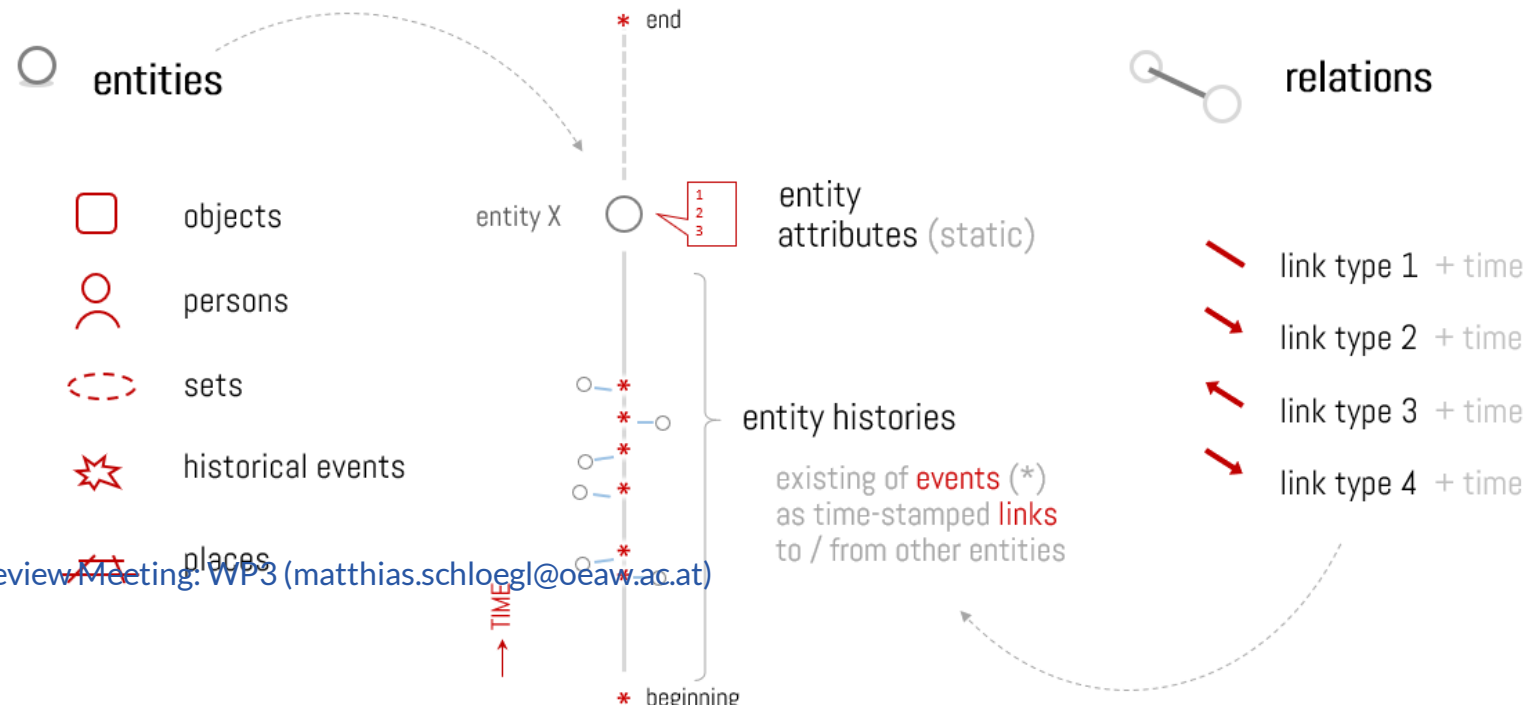


*crm:E12_Production_Event is simplified in this schema

IDM-JSON

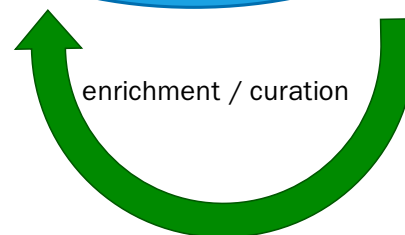
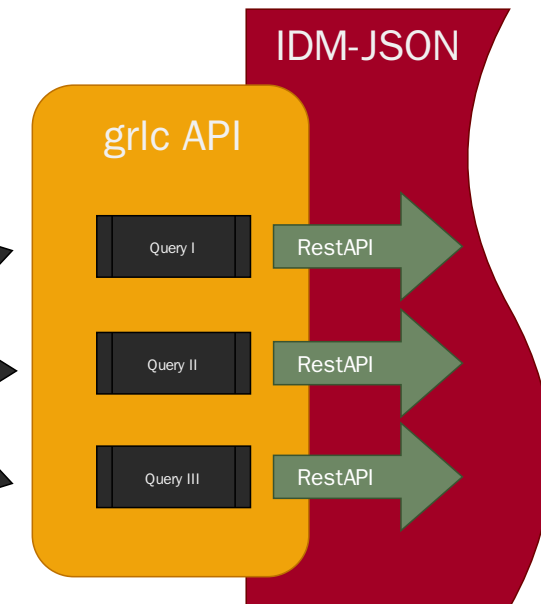
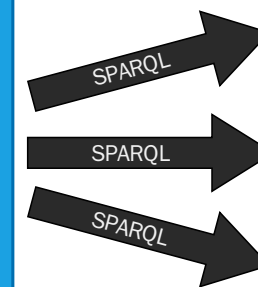
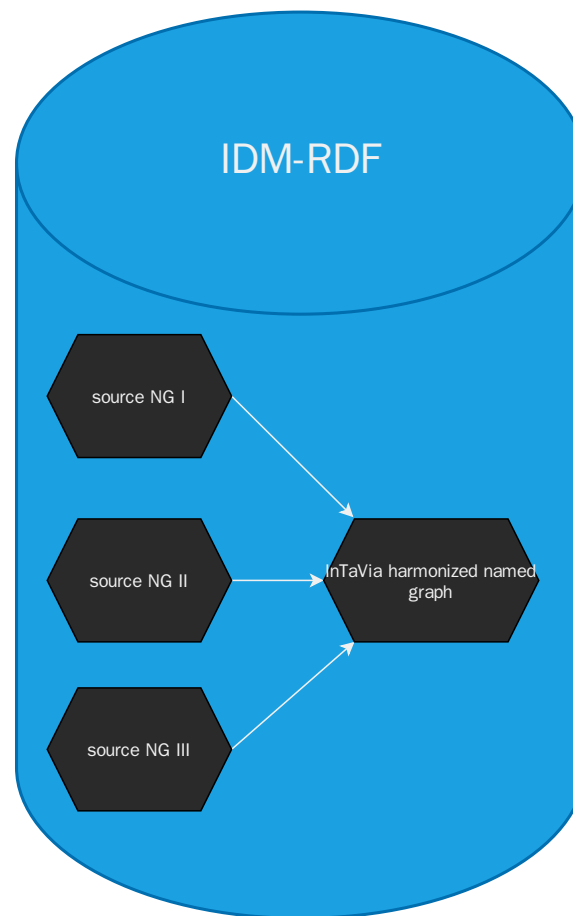
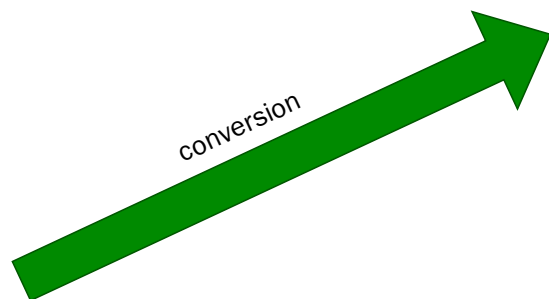
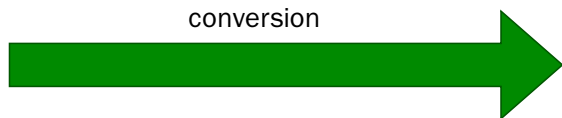
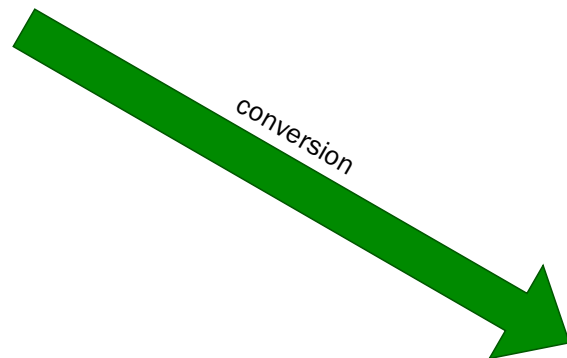
- JSON schema provided via grlc API
- "simplified" version of IDM-RDF
- nodes (entities) with attributes such as "gender"
- node history: relations to other nodes with timestamp and relation type

IDM-JSON schema



Data Curation Lab

- only implicit in the original proposal
- Developed after the user requirements workshops
- Combination of datasets from the KG
- DCL only working on "local" browser data
- "Upload" and curation of local data in browser DB



 prefect pipeline components

Generating visualization ...

2%

► Details

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No title available

<http://www.intavia.eu/idm-core/>

Version: --

Author(s): --

Language: en ▼

▼ Description

No description available.

► Metadata

► Statistics

► Selection Details



IDM-RDF II: The repository

<https://github.com/InTaVia/idm-rdf>

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27.1.2021



grlc API

Challenges

- accuracy vs. feasibility
- languages
- duplicates
- performance of grlc API

Next Steps

- finalizing of system architecture
- pipeline components
 - ingestion
 - inference
 - enrichment
- IDM-JSON and API
 - node details endpoints
 - node history endpoints

WP3: Q&A

Thank You!

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