OpenAtlas
An Introduction

Alexander Watzinger

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About the Speaker

Alexander Watzinger (Alex)

- Lead developer of OpenAtlas
- Works at the ACDH-CH, an institute of the Austrian Academy of Sciences
- Loves open source and scientific projects
About OpenAtlas

https://openatlas.eu

- Open source, browser based database software
- Initiated about 10 years ago by Stefan Eichert
- Acquire, edit and manage research data
- CIDOC CRM as model
- Mainly developed at the ACDH-CH

https://demo.openatlas.eu/overview/network/
OpenAtlas Cooperations

with projects from all fields of the humanities

- Mostly historical, archaeological and prosopographic projects
- A lot of synergies between the projects
OpenAtlas Team

Stefan Eichert
Idea, Concept and Data Modeling

Alexander Watzinger
Lead Developer and Concept

Bernhard Koschiček-Krombholz
Software Development, API

Nina Richards
Bioarchaeological Expertise

Andreas Olschnögger
Frontend Development

Jan Belik
Logo Design and Design Consulting

And many contributors, see https://openatlas.eu/team
Model

CIDOC Conceptual Reference Model

- International standard (ISO)
- Developed by CIDOC CRM Special Interest Group
- Specifies classes for entities like actor, source, event, place and rules how to link them
- Stored in an object oriented network

https://demo.openatlas.eu/overview/model
Project Data

Data enrichment with types and links

- Standard types
- Custom types
- Value types
- Linked open data
  - Wikidata
  - GeoNames
  - Custom, e.g. Viaf, GND

https://demo-dev.openatlas.eu/type
Live Demonstration

at https://demo.openatlas.eu

- Acquiring data
- Customizable types
- Adding geo locations
- External references
- Dealing with uncertainty in space and time
- and a lot more ...
Thank you for listening

https://openatlas.eu