NIE-INE

National Infrastructure for Editions

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Conference “Open Access in Action” by swissuniversities and ZHAW
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Supporting Institutions

- swissuniversities
- Schweizerische Akademie der Geistes- und Sozialwissenschaften (SAGW)
- Universitätsbibliothek Basel
- Zentralbibliothek Zürich
- Universität Basel
- Universität Bern
- Universität Zürich

Edition Projects I

- An Online Repertory of Commentaries on Peter Lombard's Sentences
- Anton Webern Gesamtausgabe (AWG)
- Karl Barth-Gesamtausgabe
- Bernoulli-Euler-Online (BEOL)
  - Leonhardi Euleri opera omnia (LEOO)
  - Basler Edition der Bernoulli-Briefwechsel (BEBB)
- C.F. Meyers Briefwechsel. Historisch-Kritische Ausgabe
- Digitale Historisch-kritische Gesamtausgabe der Werke und Briefe von Jeremias Gotthelf (DHKG)
- Heinrich Wölfflins Gesammelte Werke

Edition Projects II

- Johann Caspar Lavater: Historisch-kritische Edition ausgewählter Briefwechsel
- Das Kloster-Tagebuch des Einsiedler Paters Joseph Dietrich, 1670-1704. Kommentierte Online-Edition
- Kritische Robert Walser-Ausgabe (KWA)
- Kuno Raeber: Online-Edition des lyrischen Nachlasses
- Online-Edition der Paippalada-Rezension des Atharvaveda
- Parzival-Projekt
- Reconstruire Delille
- Der späte Nietzsche. Manuskriptedition des Nachlasses 1885-1889 (KGW IX)

Scientific Edition

critical open access

scholarly edition = access to text + critical information

$\rightarrow$

FAIR data & FAIR knowledge

Findable - **A**ccessible - **I**nteroperable - **R**eusable

Semantic Web

To solve the issue of interpretation or meaning of information coming from different sources

- standard formal languages (W3C)
- for knowledge representation
- based on model and set theory, and first order logic

Semantic Web - Benefits

- machine interpretable semantics
- semi-automated semantic interoperability
- FAIR formal linked data
- natural language independence $\rightarrow$ global information exchange
- explicit, self-descriptive semantics $\rightarrow$ data transparency and information disambiguation
- machine reasoning
  - automated data quality assurance (consistency checking)
  - enhanced expressivity by inferring data from data
  - calculations

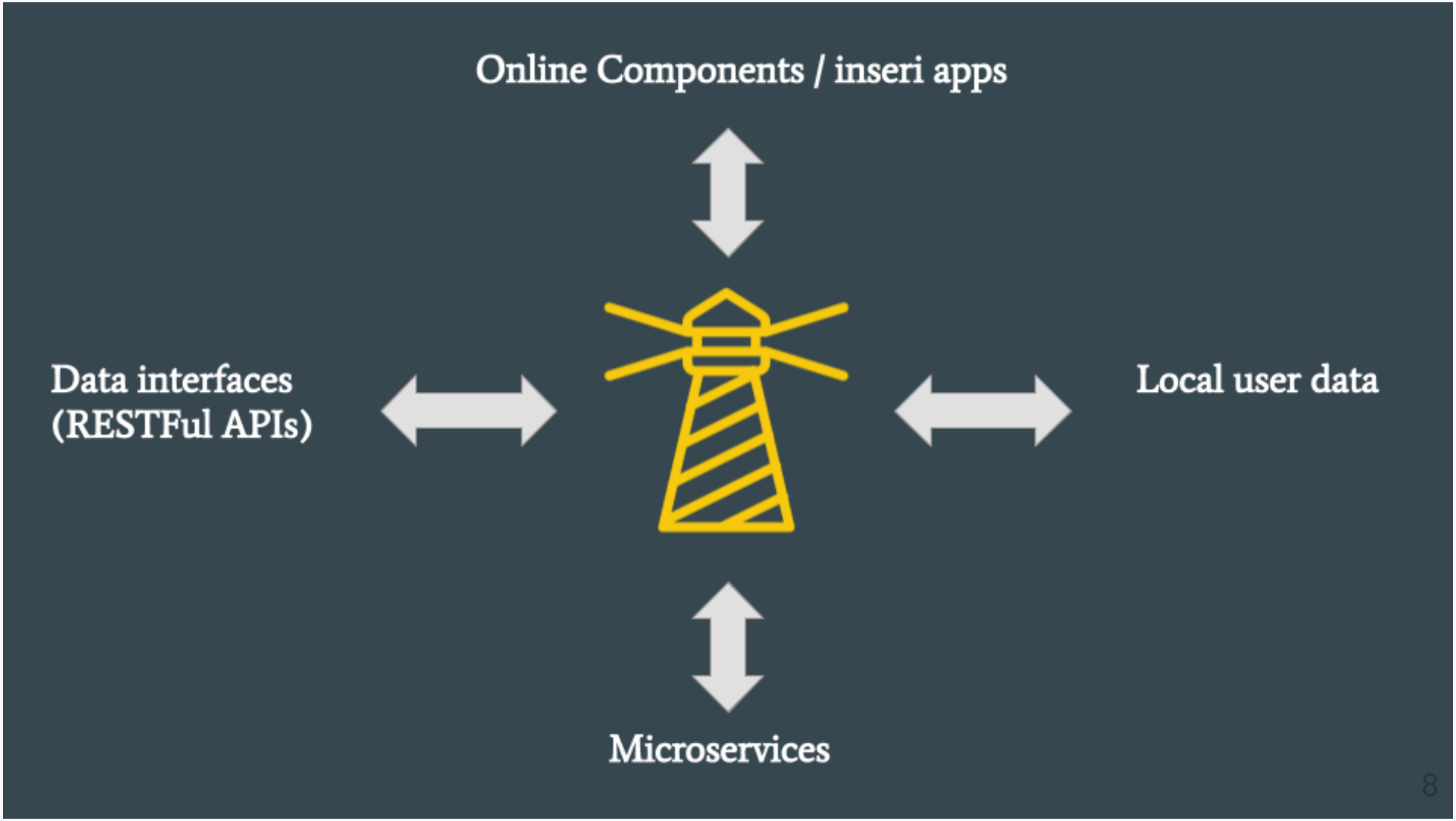
Semantic Web - Services and Products

→ machine interpretable and interoperable semantics for the Humanities

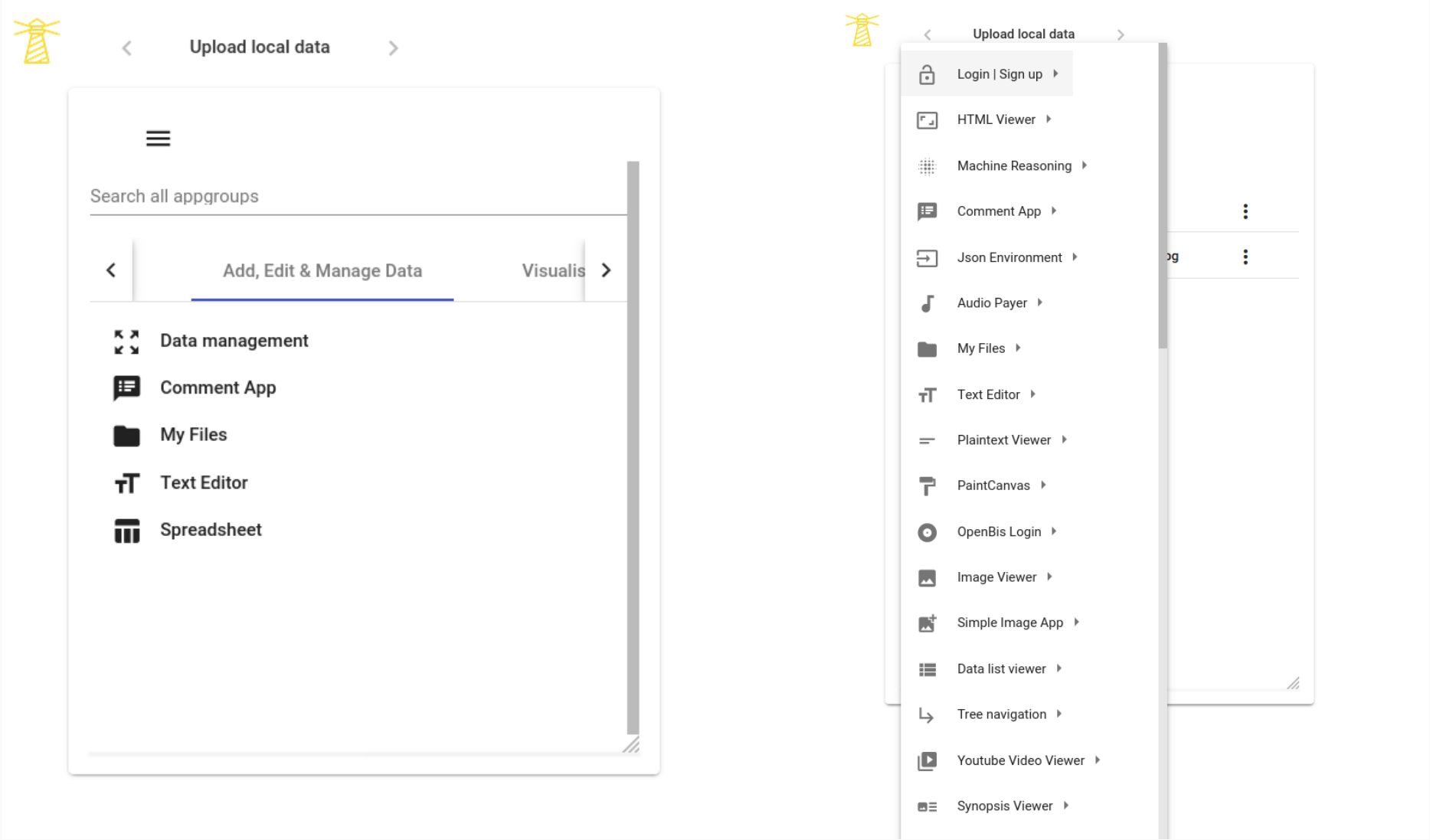
- ontologies
  - domain knowledge
  - based on W3C, CIDOC and FRBRoo standards
  - basic modelling patterns
- best practices and methodologies
- two-step formalization
- machine reasoning based on Notation3 rules

inseri Web Framework

online collaborative working and publishing environment



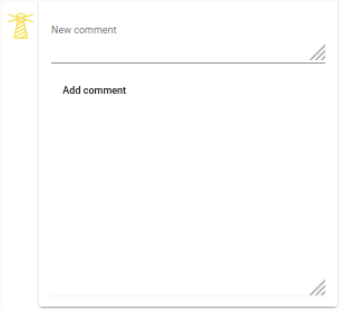
inseri - Local User Data (Cloud Storage)

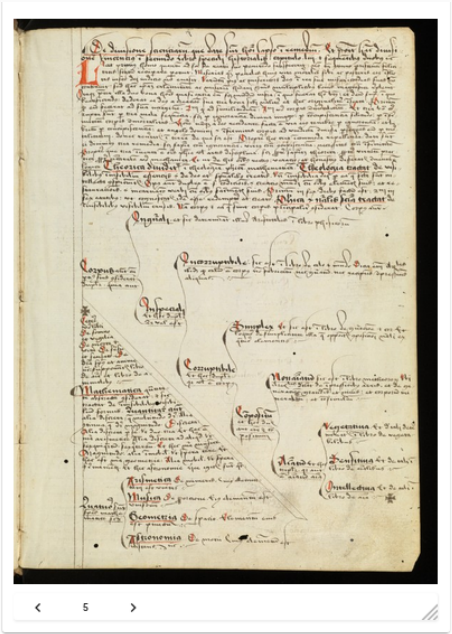


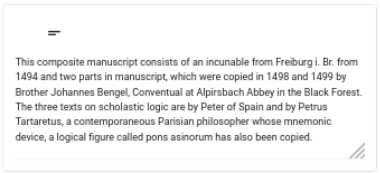
inseri - RESTFul APIs and Templates

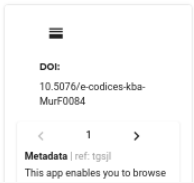
	Gallica (Bibliothèque nationale de France)	50149 manifests Digitized manuscripts from Gallica, the digital library of the National Library of France (BnF)
	BVMM (IRHT-CNRS)	8099 manifests Digital library of medieval manuscripts (IRHT-CNRS)
	The British Library, Polonsky Pre-1200 Project	405 manifests The Polonsky Foundation England and France Project (700-1200): Manuscripts from the British Library
	Cambridge Manuscripts	template test
	Oxford IIIF	Bodleian Libraries' digital collections (Oxford) 5883 manifests
	Nietzsche Pages	Import Pages of the Nietzsche Source http://www.nietzschesource.org/
	e-codices manuscript import	Read, comment on and analyse manuscripts from e-codices

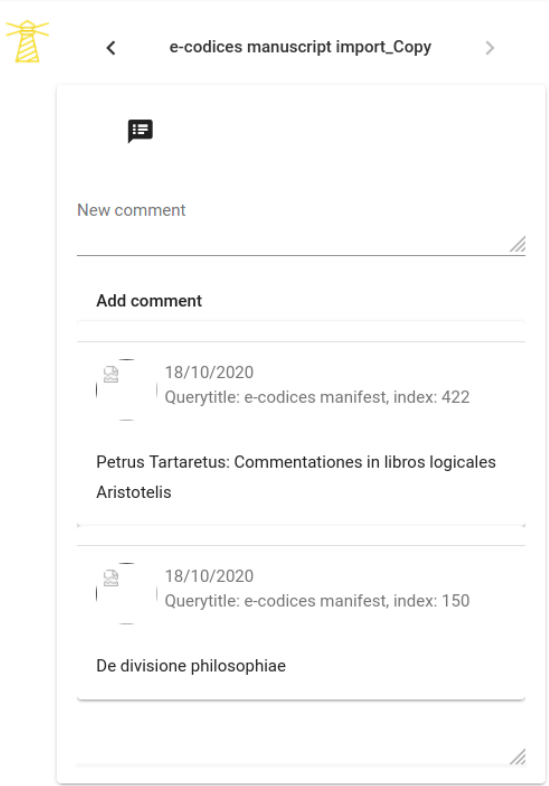
inseri - e-codices Template & Comments



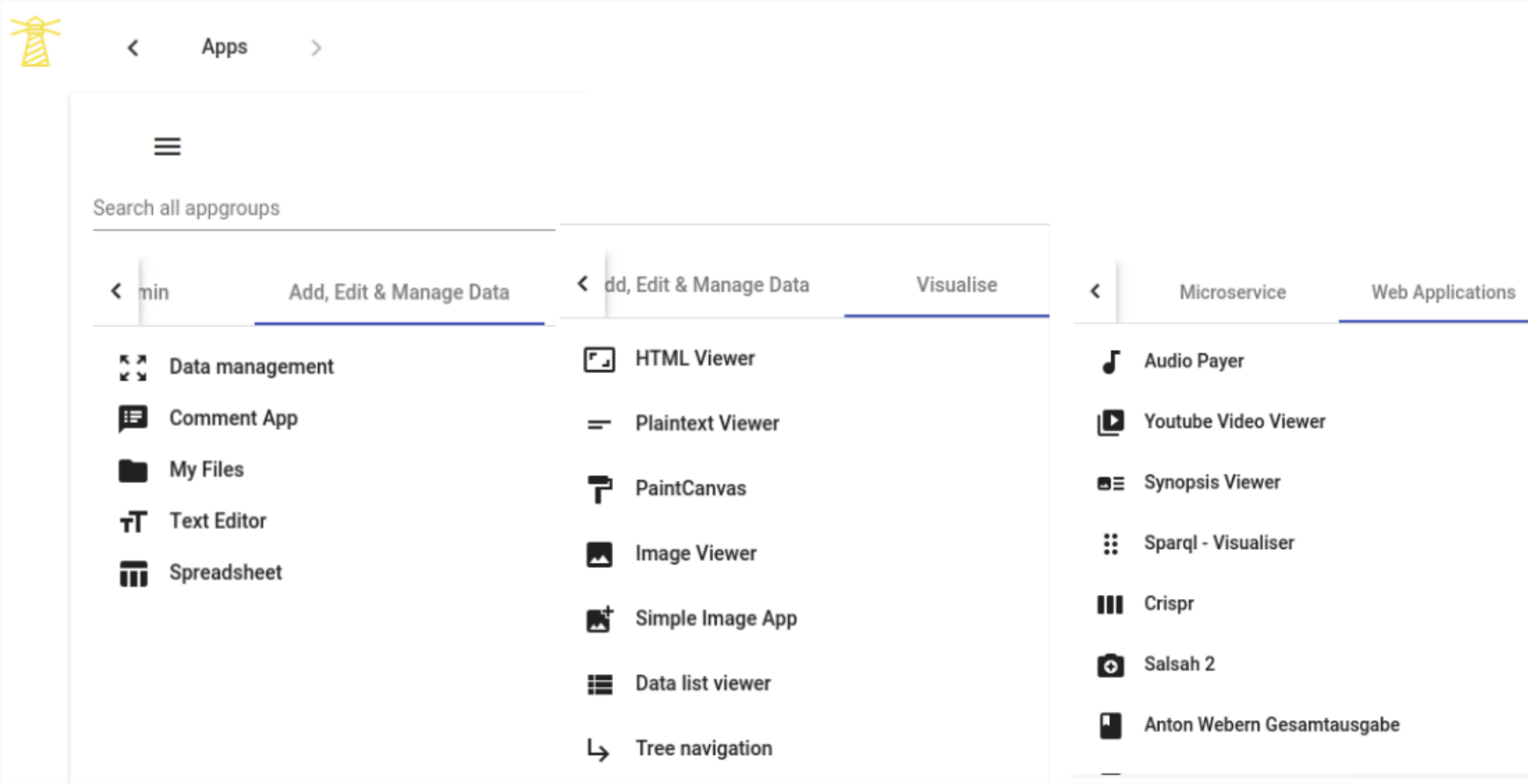








inseri - Web Components (Apps)



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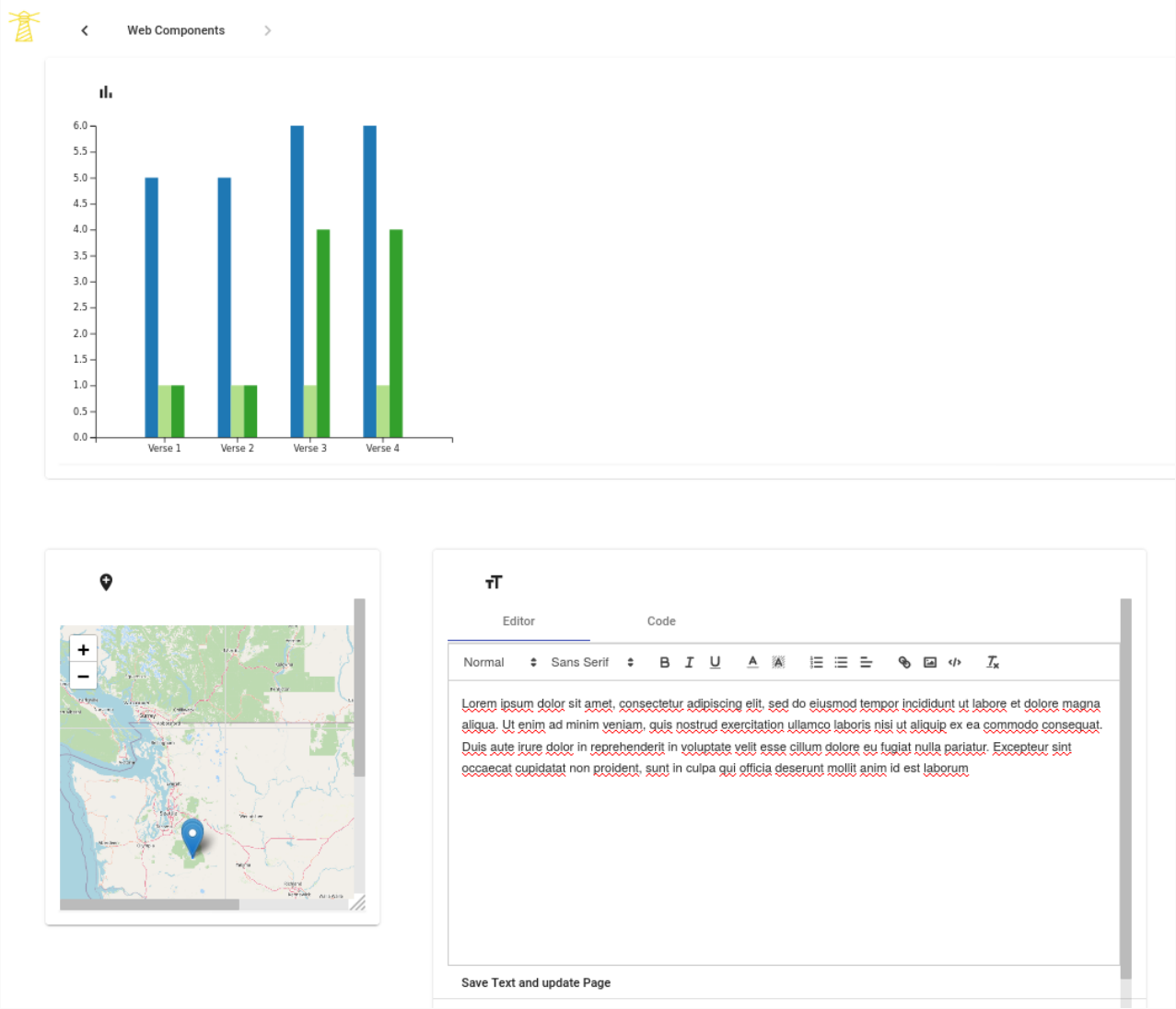
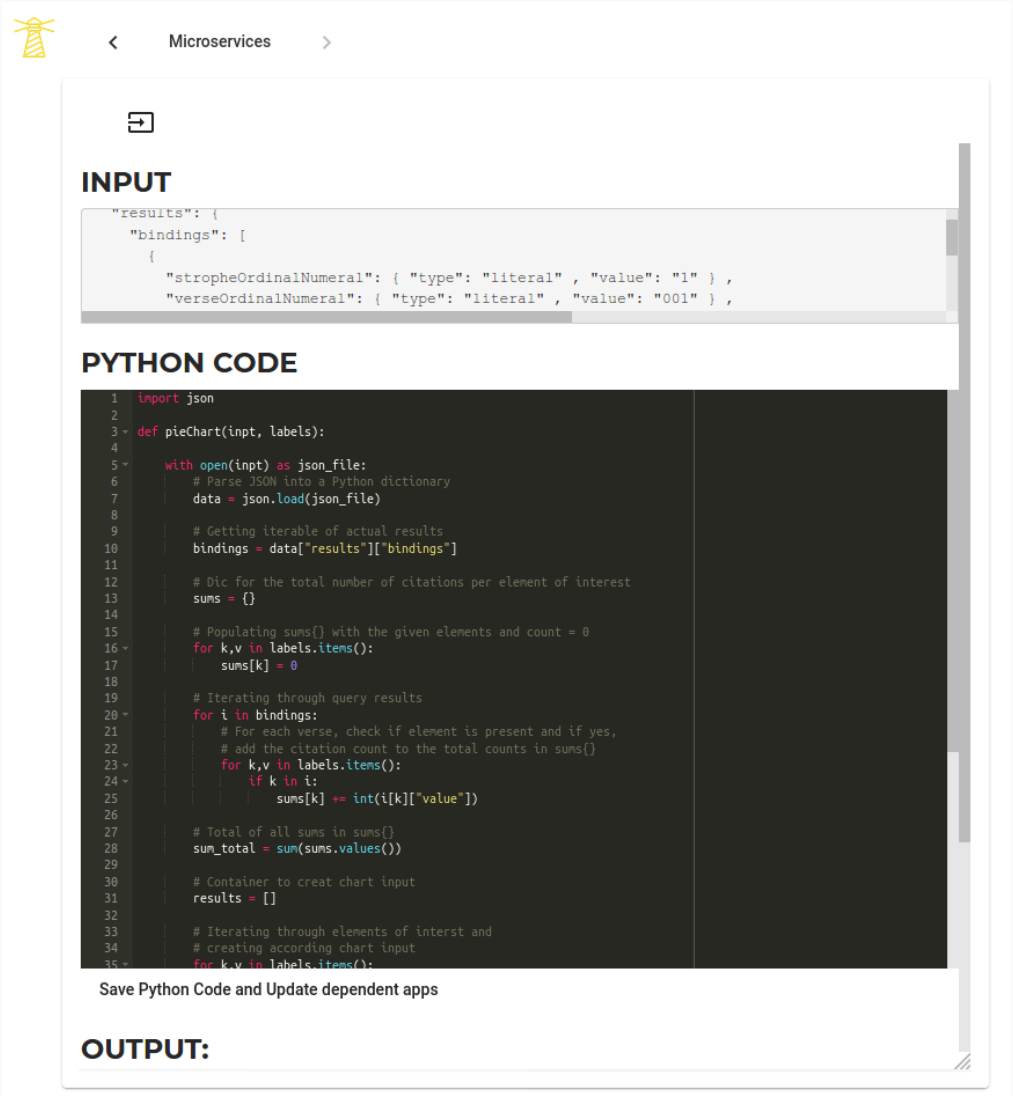


inseri - Microservices



Questions?

https://www.nie-ine.ch

https://github.com/nie-ine

https://nie-ine.github.io/inseri/

http://e-editiones.ch/

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