

Ongoing and planned
developments for TEI Publisher

Shaping the Future

Where is Publisher 8?

- modular architecture: changes go into dedicated repositories – immediately available
- [tei-publisher-components](#): 24 minor releases since 7.1 and uncountable patches
- [tei-publisher-lib](#): 5 releases
- [roaster](#) (Open API support): 17 releases
- new repositories: [tei-publisher-static](#), [tei-publisher-ner](#), [tuttle](#)

What goes into 8?

- Standard endpoints for authority registers
- Drop distinction between browsing and search
- Named entity recognition
- Update of roaster (Open API) – may be a breaking change!

Expect fewer Publisher versions, but frequent updates in connected repos!

Feature Showcases

[Alfred Escher Briefedition](#)



[Karl Barth](#)
[Gesamtausgabe](#)

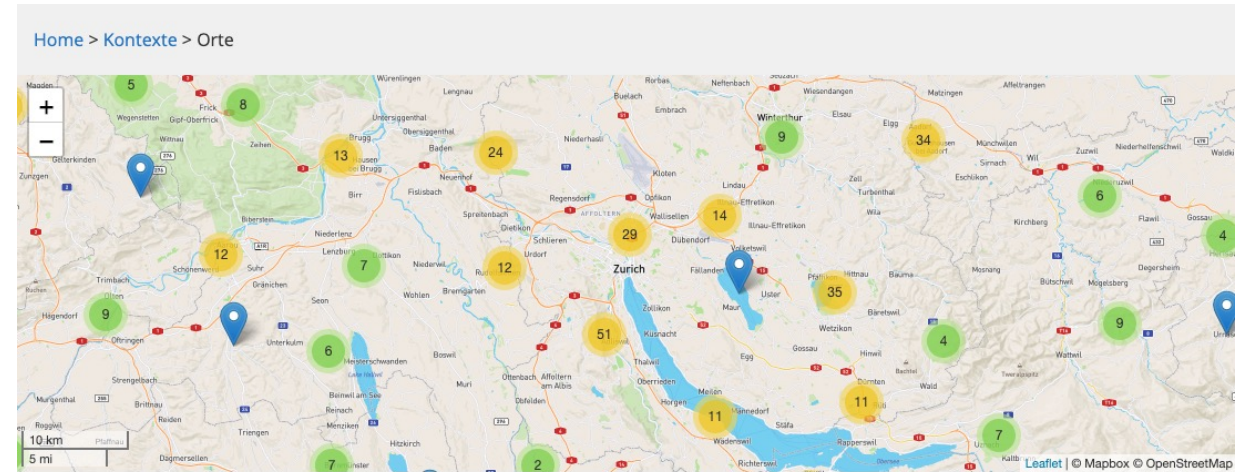


[Register of Slovenian](#)
[Manuscripts](#)



Alfred Escher Briefedition

- timeline navigation
- register of people and places
- print CSS output



Suche



A B C D E F G H I J K L M N O P Q R S T U V W Y Z Alle

Waadt	Wädenswil
Wägital	Wägitaler Aa
Wahlwies (Stockach, D)	Walachei (Fürstentum)
Walchwil	Wald (ZH)
Waldemme	Waldenburg
Waldshut (Waldshut-Tiengen, D)	Walensee
Walenstadt	Wallbach
Wallikon (Pfäffikon, ZH)	Wallis
Wallisellen	Waltalingen
Walzenhausen	Wangen (Wangen-Brüttisellen)
Wangen an der Aare	Wangen bei Olten
Wängi	Warcino (PL)

Karl Barth Gesamtausgabe

- drop distinction between browsing and search
- new autocomplete for facets and fields

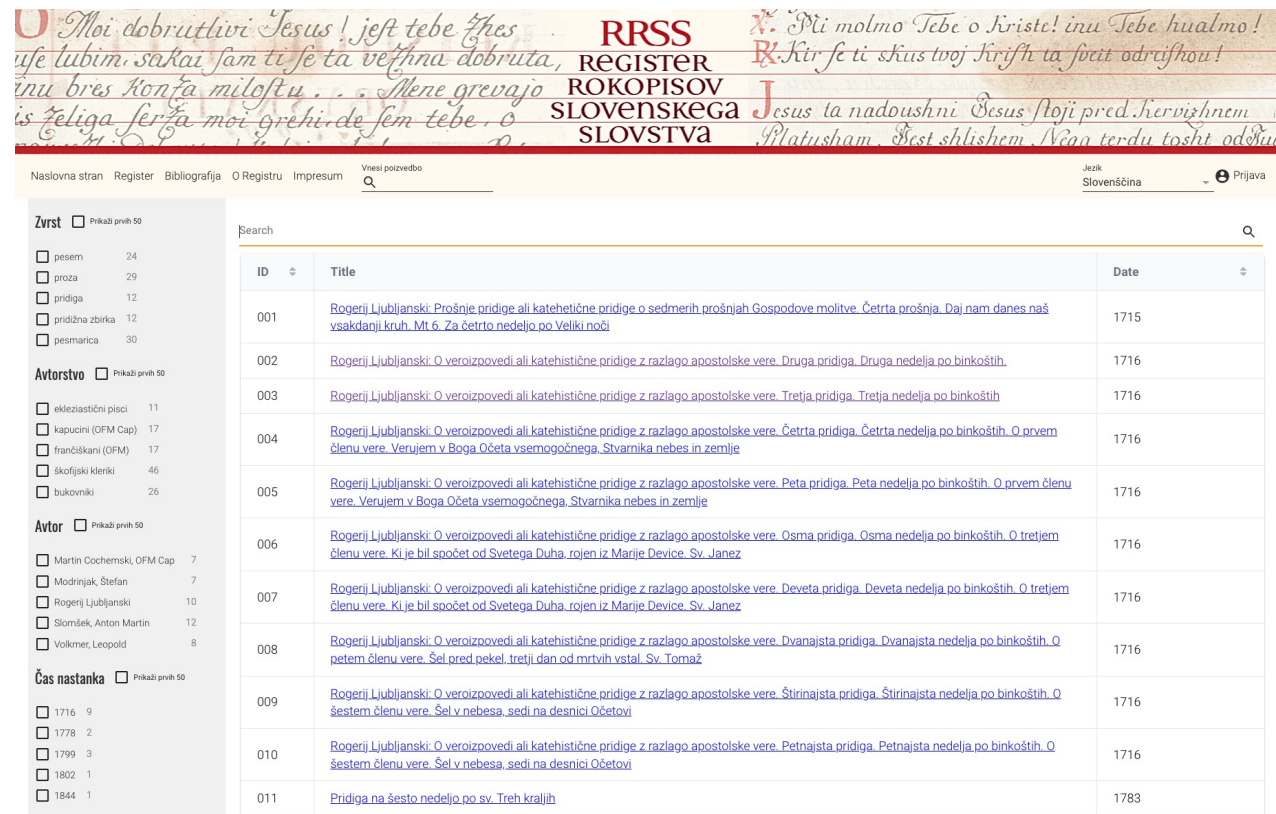
The screenshot displays the web interface for the Karl Barth Gesamtausgabe. The top navigation bar is blue and contains the project logo, the title 'Karl Barth Gesamtausgabe', and links for 'Über die Edition', 'Aktueller Stand', 'Register', and 'Anmelden'. Below this, a grey bar indicates the current section: '> Texte'.

The main content area is divided into three columns:

- Left Column (Search and Info):**
 - A search bar with the text 'Suche nach Q katechism*'. Below it, a dropdown menu shows 'Calvin, Johannes (1509-1564)' with 7 results.
 - A box labeled 'Begriffe (Bände 55, 56)'.
 - An 'Aktuell' (Current) section dated '16. Juni 2022 (Version: alpha)' containing a paragraph about the digital edition's progress and a link to 'info@karl-barth.ch'.
- Center Column (Search Results):**
 - Shows '21 Einträge gefunden' (21 entries found).
 - Displays two search results, each starting with 'Predigt' (Sermon) and a link to a specific text (e.g., 'Barth, Karl: Predigt: Matthäus 6,5–6, 18. August 1912').
 - Each result includes a '[1 Treffer]' (1 hit) indicator and a brief snippet of the text.
- Right Column (Filters):**
 - A dropdown menu for 'Zuletzt hinzugefügt' (Recently added).
 - A 'Dokumenttyp' (Document type) filter with checkboxes for 'Vortrag oder kleinere Arbeit' (12), 'Vorwort der Herausgeber' (1), and 'Predigt' (8).
 - A 'Band' (Volume) filter.

Register of Slovenian Manuscripts

- browse manuscript descriptions, not documents
- tabular display



Complex Forms

- WIP: EpiDoc editor
- Based on [fore](#): the good parts of XForms in plain HTML
- Highly customizable forms which directly output TEI
- Custom [components](#) for XML and Leiden editing

EDEp Editor

Titel

Weihinschrift für Mars Cicollus aus Xanten (Colonia Ulpia Traiana, Germania inferior) [HD0012]

EDEp ID: E0000001

Inschriftträger Altar

Beschreibung Inschriftträger

Material Rock / SEDIMENTGESTEINE / Karbonatische Sedimentgesteine / Kalkstein

Fragment-1

TM-Nummer 208730

Fundort

Geoid G003585

Fundkontext

Fundjahr/-datum

Zeitpunkt 1979

nach YYYY, YYYY-MM oder YYYY-MM-DD

vor YYYY, YYYY-MM oder YYYY-MM-DD

freie Angabe

Aufbewahrung Bonn, Rhein. Landesmus.

Überlieferung 

Verifizierung

Verifizierungsgrundlage Foto (eigentlich AUSWAHLMENÜ)

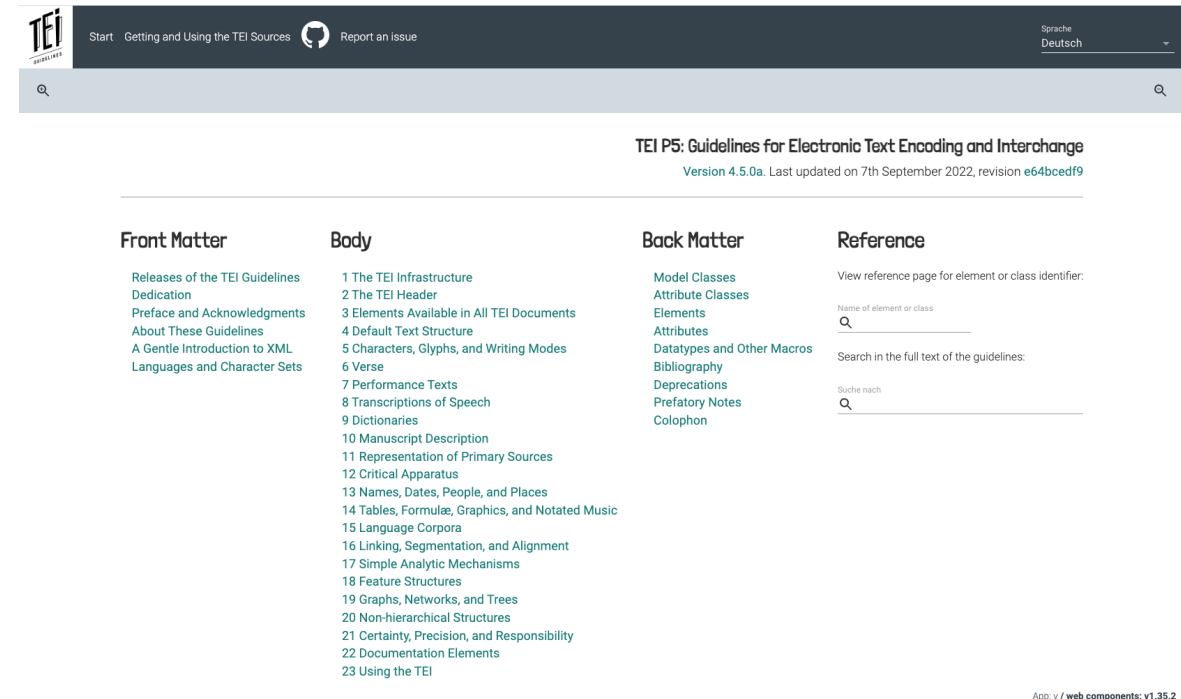
Datum der Verifizierung 2020-11-10

Other features

- Named entity recognition
- Tuttle: GitHub/GitLab integration
- JATS support
- Improved Open API support in Roaster

Static Site Generation

- low cost option to host TEI Publisher-powered editions
- uses the same web components
- supports offline use and installable mobile apps
- example: [TEI Guidelines](#)



Short term (base funding secured)

- AltoXML support: directly display documents acquired by OCR/HTR
- Annotations:
 - Local authority file management: add/edit entries in annotation editor
 - Batch-apply annotations across whole collection using accept/decline
 - Automatically suggest matching entities from authorities
- NER:
 - Train models on different data sets, using different approaches
 - Sentence segmentation, part of speech tagging, lemmatization

Long term (seeking for funding)

- Customizable TEI header editing (see EpiDoc editor)
- More user-friendly integration with Transkribus, e-scriptorium ...
- Use tei-publisher-lib on command line, oXygen or other environments without requiring eXist: simple, server-less option
- More input formats: CSV structured data, Excel, Markdown ...
- Improve DTS (Distributed Text Services) protocol support

Long term (cont.)

- Provide better CSS design boilerplates/skins for users to pick from
- Eliminate dependency on Google Material Design for core components
- Support citation stylesheet language for bibliographies
- Nice, high-quality print examples (LaTeX)

Long term (cont.)

- Add templates for other entries into an edition:
 - Geographic: map-based
 - Itineraries: e.g. for a travelog
 - Tabular: as in register of manuscripts
- Simplify static website generation by harmonizing dynamic and static versions
- Support other Git workflows: database as master