

Virtuelles DH-Kolloquium an der BBAW, 24.11.2025

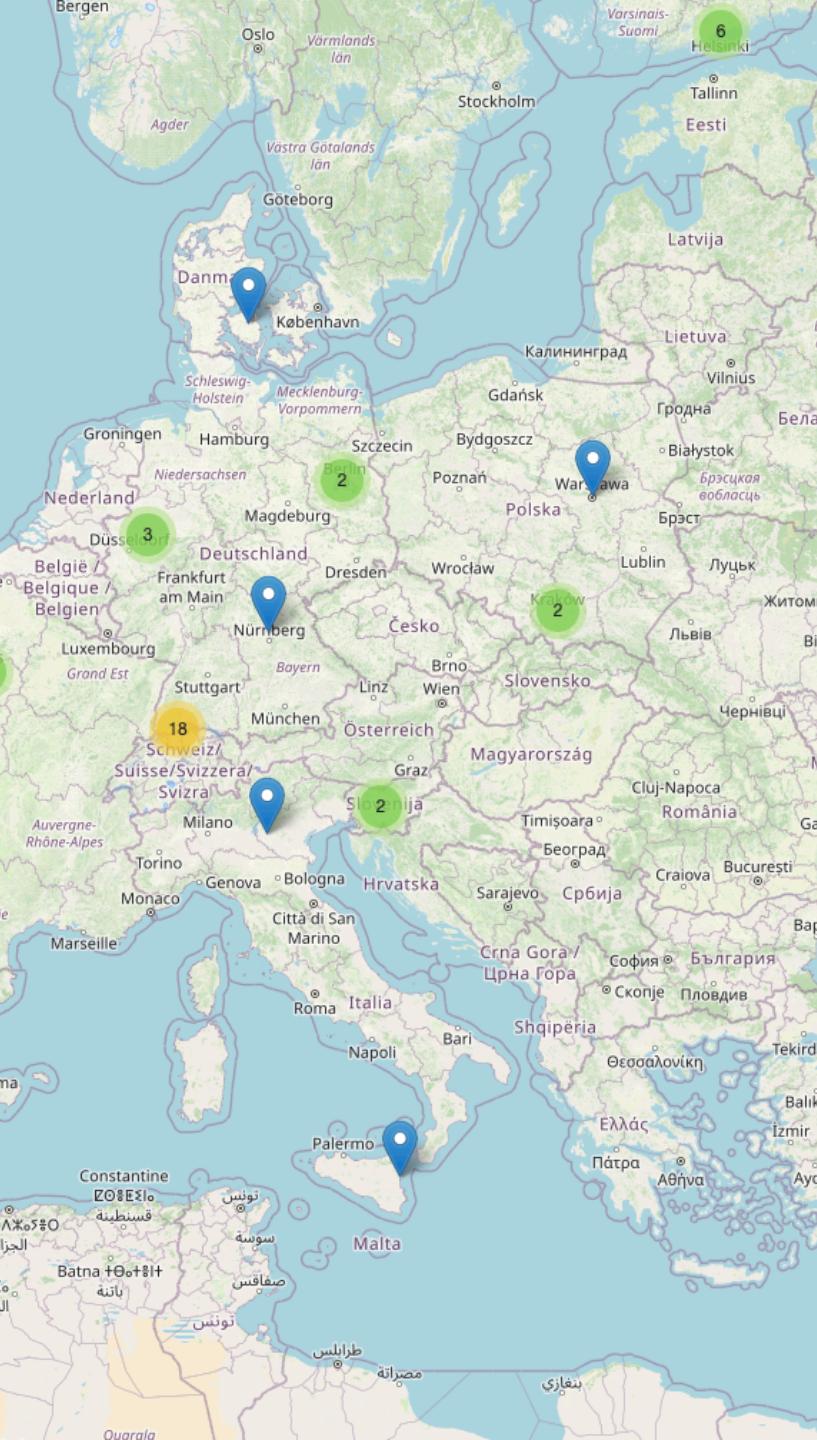
TEI-Publisher

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- e-editiones.org
- Heidelberger Akademie der Wissenschaften
- Jinntec GmbH

TEI Publisher

- started in 2015 as a reference implementation of the TEI Processing Model
- evolved into a complete toolbox for publishing digital editions
- grassroots community effort coordinated by e-editiones



Vision

- "one-size fits all" rarely works in the humanities
- reusable, modular components to be rearranged and recombined
- sensible defaults where possible without limiting extensibility

TEI Processing Model

- used for all textual transformations in TEI Publisher
- formalizes the description of transformation rules in TEI ODD
- officially part of the TEI Guidelines since 2016

TEI Publisher 10

- extends the toolbox idea and moves it to the next level
- decomposes the core of TEI Publisher into a set of small, modular profiles, which can be customized and recombined to compose concrete applications

Benefits

- for **editors**: many aspects covered by configuration plus TEI ODD, no coding required
- for **developers**: faster production of digital editions by reusing and customizing profiles; less copy and paste of code
- for **infrastructure providers**: provide tailored blueprints for an institution; clear update and maintenance path

Profiles

- **Blueprint:** a complete template for an application targeted at a specific use case like a monograph, correspondence edition, dictionary etc.
- **Base:** a profile providing the core server-side API of TEI Publisher and basic page layout without styling
- **Feature:** a functional sub-profile to be imported into another profile. It adds specific functionality, e.g. docker configuration, additional visualizations or pages etc.
- **Theme:** provides a particular look and feel. Without this, you only get unstyled HTML.

- each profile contributes a particular aspect
- it may depend on or extend other profiles
- all profiles and applications generated from them have the same structure/layout

Blueprints

Preconfigured Packages

- feature selection
- features configuration (via predefined properties)
- dedicated ODD* and CSS*
- custom templates

Themes

Visual Styling

- color palette
- illustrations, backgrounds
- font specifications
- logos and branding

Features

Atomic Building Blocks

- timeline
- IIIF
- registers
- landing page
- custom navigation
- upload, JinnTap, Annotations
- static website
- DOCX, JATS, DocBook...

Base

Core Elements

- teiPublisher.odd
- basic layouts
- search and facets
- navigation
- webcomponents
- common API
- localisation support
- predefined templates

Jinks

- central application manager of TEI Publisher: composes profiles into applications
- the composition is controlled by a central configuration file to which each profile contributes its settings
- updates to upstream profiles can be applied automatically
- local changes are tracked to avoid overwriting by upstream changes

Jinks Templates

- new templating library works for HTML as well as XQuery, Javascript, CSS ...
- used statically to generate application code as well as dynamically for rendering HTML pages

- powerful template inheritance model: build complex page layouts by composing simpler templates
- frontmatter allows templates to change configuration settings, e.g. disable UI features

```
<template>
  —json
  {
    "templating": {
      "extends": "templates/layouts/content.html"
    },
    "features": {
      "toc": {
        "enabled": false
      },
      "edition-navigation": {
        "navigation": true,
        "in-correspondence": true
      },
      "timeline": {
        "document-view": true
      },
      "toolbar": {
        "navigation": false
      },
      "register": {
        "enabled": true
      }
    }
  }
  —
  <pb-view class="column1" src="document1" xpath="//text"
    append-footnotes="append-footnotes" subscribe="true">
  <pb-view class="column2" src="document1" xpath="//text"
    append-footnotes="append-footnotes" />
</template>
```

Page Layout and Theming

- all styling is handled by theme profiles
- TEI Publisher base only provides an *abstract page layout*
- profiles may inject UI fragments into defined locations

Header

before-top

content-top

after-top

Anmelden als "tei" mit Passwort "simple" um mit eigenen Dateien und ODDs zu experimentieren

ODD Dateien

Bogactwa mowy polskiej

Polish dict.

DOCX Import

DOCX Output Preview

Deutsches Textarchiv

Docbook v5

header

Dokumentation

Dokumentation, verfasst in Docbook XML.

Genre

Drama

Let before

Lexicons and Dictionaries

Prose

Sprache

Zeige 50 häufigste

English

French

German

Polish

Spanish

JATS Samples

Examples using JATS (the Journal Article Tag Suite).

DOCX Import

Example and documentation for importing DOCX to TEI via ODD.

Dokumente > Mikołaj Orlik do Mikołaja Serafina, C content-top

Magnifico domino Nicolao Seraphin vtiusque salis zuppario Cracouensi et Rusie, domino michi fauoro. Fidelium seruiciorum proritate continua cum obediencia premissa. Magnifice domine. Precepit michi Vestr Gracia scriptotenus, [quod] ducem Kazimirum in trecentis cum quinquaginta marcis deberem expedire. Quod mandatum ducere lib[enter], sed deficit causa nam guerrarum continua propter disturbia¹ pauci mercatores, tam salis, qu[am] [...] videntur pertransire et, per consequens, pauca pecunia datur theoloneorum, ob quem defectum et n[ostros] tu habeo vnde expedire ipsum annuis in salariis. Ve exequens mandata in cras[tino], presentium literarum vestrarum post presentacionem, ducem prefatum ausi sibi sexaginta marcas offerendo pro [...] pecuniis, solucionis terminos petens prorogari, petens dari per Ipsius Claritatem semiambulato[rem] promissum, qui si dabitur, protinus Vestre Gracie destinabo eundem describens, quomodo michi succedet in [...]. Parwum vadit theoloneum, tamen reuerendos dominos archiepiscopum et canonicos Leopolienses necnon episcopum [...] in duplicibus Quatuortemporibus² totaliter expeditui, fulgidumque ducem Andruschkonem in quatuor [...]. Et pro nunc me dominus capitaneus ammonet Leopoliensis pro

Wielmoñemu Panu Mikołajowi Serafinowi żupnikowi obojga salin krakowskim i Rusi, Panu mi przychynnemu. Z niezmiennym posłuszeństwem przesyłam gotowość do wiernej służby. Wielmoñny Panie. Polecił mi na piśmie Wasza Łaskawość, abym wypłacił księciu Kazimierzowi 350 grzywien. Chętnie wypełniłbym to polecenie, lecz nie mam jak, albowiem z powodu ciągłego zamieszania wojennego niewielu kupców przyjeżdża, tak po sól, jak [...], a co za tym idzie, mało pieniędzy wpływa z cia i z tego powodu nie mam skąd wziąć na wypłaty dla naszych opiekunów. Pozostawiając na pełnieniu waszych poleceń, po przedstawieniu ostatniego waszego listu zawiadomiłem rzeczonego księcia, dając mu 60 grzywien za [...] pieniądze i prosząc o odroczenie terminu zapłaty i o to, aby Jego Księzcę Wysokość dał przyrzeczonego podjezdku. Jeśli zostanie on dany, od razu wyśle go do Waszej Łaskawości, pisząc, jak mi poszło w [...]. Cia mało schodzi, wypłaciłem jednak wielebnym panom arcybiskupowi i kanonikom lwowskim oraz biskupowi [...] podwójne Suche Dni, zaś jaśnie księciu Andruszce cztery [...]. Tymczasem upomina mnie pan starosta lwowski w sprawie 120 grzywien, mówi [...] o cle, gdybym miał mu tych pieniędzy nie zapłacić. Ponadto polecił mi Wasza Łaskawość, aby

People

Mikołaj Orlik

Kazimierz II

Jan Odrowąż

Places

Gródek

Buda

Map showing locations: Gródek, Buda, Gorod Horod, M-11

Styling

- common styling properties can be changed via configuration (rather than CSS)
- TP 10 drops Google Material Design and uses semantic HTML + pure CSS instead
- minimal use of CSS classes
- core webcomponents changed to use standard HTML, styleable from the application

Refactored Base ODD

- all ODDs inherit from `teipublisher.odd`
- provides sensible defaults for most common TEI elements
- many documents will render ok out of the box
- limits the need for custom ODD rules

More profiles to come ...

- Rather than creating a complete custom application, projects can contribute the missing profiles they need
- Coming soon:
 - EDEp: an editor for epigraphic inscriptions, facilitating data entry and transcription
 - DTS: distributed text services API support
 - DTA (Deutsches Text Archiv): various profiles to display and enhance documents following the DTA guidelines
 - USWDS: a theme implementing the U.S. Web Design System

e-editiones

- non-profit organization founded in 2020
- limited budget: membership fees only!
- development mainly cross-financed by the edition projects
- TEI Publisher 10 was supported by

