

e-editiones.org Online Event, June 22, 2020

«Stay Home Learn TEI Publisher From Scratch»

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In this session

- More about web components
- Generate a custom website for our edition
- Tweaking the design

Page Template

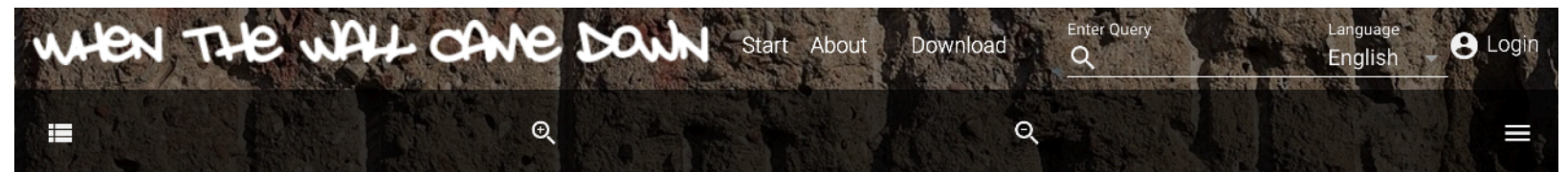
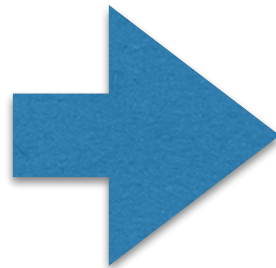


Webpage

eXist

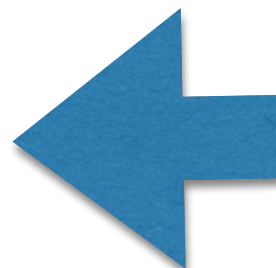


1. eXist templating generates raw HTML



— DDR - Neue Regierung und Politik

2. Calls Processing Model Implementation



Interne Notiz¹ des Eidgenössischen
Departements für auswärtige
Angelegenheiten

DDR —

<pb-view>

18. April 1990

Heute Mittwoch, 18.4. sucht mich der Botschafter der DDR (B[ibow]) auf mit folgendem Anliegen:

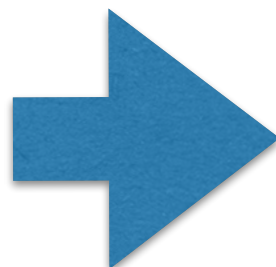
1. Er übergibt die «Gemeinsame Erklärung aller Fraktionen der Volkskammer» vom 12.4.1990 (Beilage²). Bei der aus den Medien in den Hauptpunkten ja bekannten Erklärung handelt



<pb-facsimile>

4. sends signal

3. Returns HTML



5. gets image data

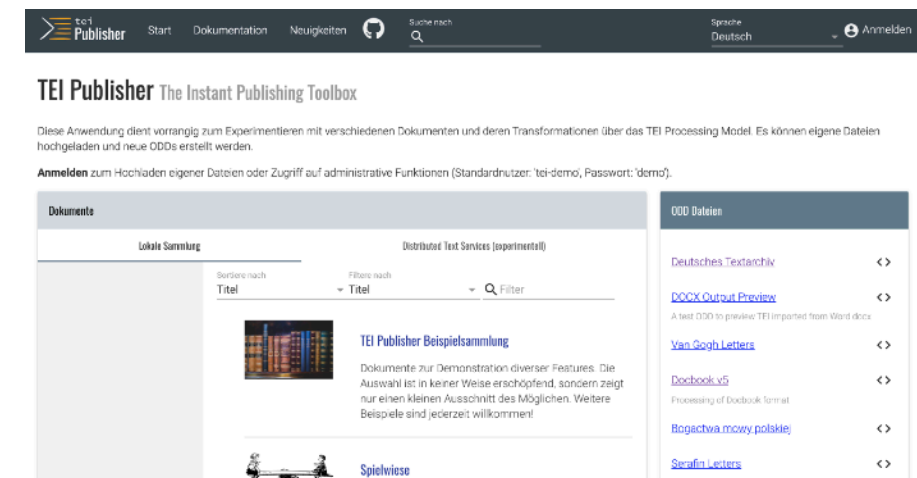
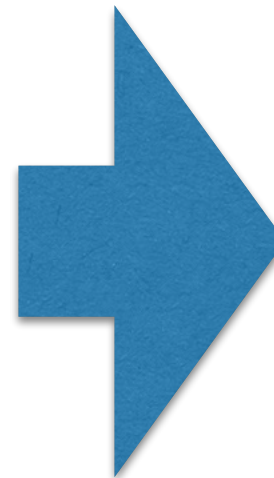


TEI Publisher App

TEI Publisher Lib
Implements TEI Processing Model

User Interface Components

HTML5 Web Components: basic
building blocks for page templates



Generate

Standalone Edition



Web Components

- Provided as separate library package
- Can be used outside publisher, e.g.
 - Plain HTML
 - Blog using Hugo
 - Wordpress site
- See API documentation

Stand-alone Application

- Custom website generated from TEI Publisher
- Combines ODD, HTML template and web components into stand-alone edition

Styling a Custom Application

- Overall styling of the site: **theme.css** or **your-theme.css**
 - general typography, colors ...
 - CSS variables to control common component styles
- ODD-controlled styling
 - outputRendition
 - global **document** styles (CSS linked to ODD)

Shadow DOM

- Styles only apply inside a component
- Encapsulation avoids style pollution
- Display completely different documents on same page
- Some properties are inherited, e.g. fonts, CSS variables

***Critik
der
reinen Vernunft***

von
Immanuel Kant
Profellor in Königsberg.

Riga,
verlegt Johann Friedrich Hartknoch
1781.

Introduction

What TEI Publisher does ...

The vision behind TEI Publisher is to provide a tool which enables scholars and editors to publish their materials without becoming programmers, but also does not force them into a one-size-fits-all framework. Experienced developers will benefit as well by writing less code, avoiding redundancy, improve maintenance and interoperability - to just name a few. TEI Publisher is all about ***standards, modularity, reusability*** and ***sustainability!***

In Publisher, it all starts with your source documents - regardless if they are in TEI or other form of XML: DocBook, MS Word (DOCX) or JATS. However the source material has been encoded, it can be easily transformed into a range of output formats for publication - from a modern web page that you can open on your laptop or mobile device, to an ebook, a PDF file or its LaTeX source.