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«Stay Home Learn TEI Publisher From Scratch»

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In this session

- Showing information from the TEI header: names and people
- Understand HTML templates and web components
- Integrate a IIIF facsimile view

Passing Parameters

Name of the parameter

```
<elementSpec ident="date" mode="change">
  <model output="web" predicate="@when" behaviour="alternate">
    <param name="default" value="."/>
    <param name="alternate" value="format-date(@when, '[FNn]', [D1o] [MNn], [Y]')"/>
  </model>
  <model predicate="text()" behaviour="inline"/>
</elementSpec>
```

Parameter value
(valid XPath expression!)

Parameters

- All behaviours take at least one implicit parameter: **content**, corresponding to the content to be processed
- if **content** is not specified, it will be set to the current node
- Some behaviours need additional parameters, e.g.
 - link: **uri**
 - alternate: **default** and **alternate**
- See [behaviour list](#) in TEI Publisher

modelSequence

Has two or more models; all matching models are applied in sequence

A modelSequence may itself have a predicate condition

```
<elementSpec ident="title" mode="change">
  <modelSequence predicate="parent::titleStmt/parent::fileDesc">
    <model predicate="preceding-sibling::title" behaviour="text">
      <param name="content" value="' - '"/>
    </model>
    <model behaviour="inline"/>
  </modelSequence>
</elementSpec>
```

Nested models may still use a predicate to limit their application

Creating Custom Views

1. TEI XML Sources

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2. ODD with Processing Instructions

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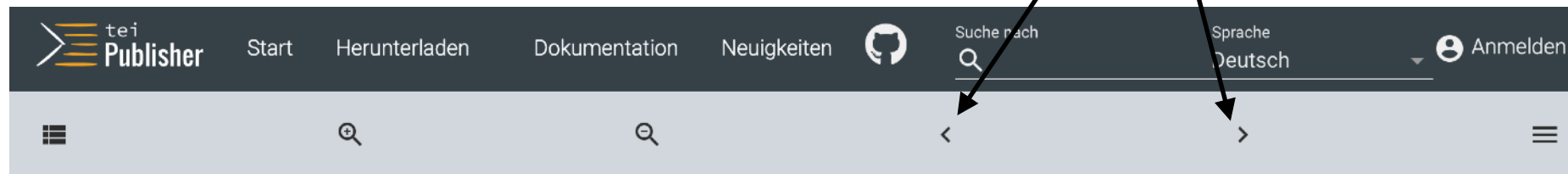
3. Page Template

=

Content View

Page Templates

pb-navigate



pb-view

→ The Tragedy of Romeo and Iuliet from Mr. William Shakespeares comedies, histories, & tragedies. Published according to the true originall copies.

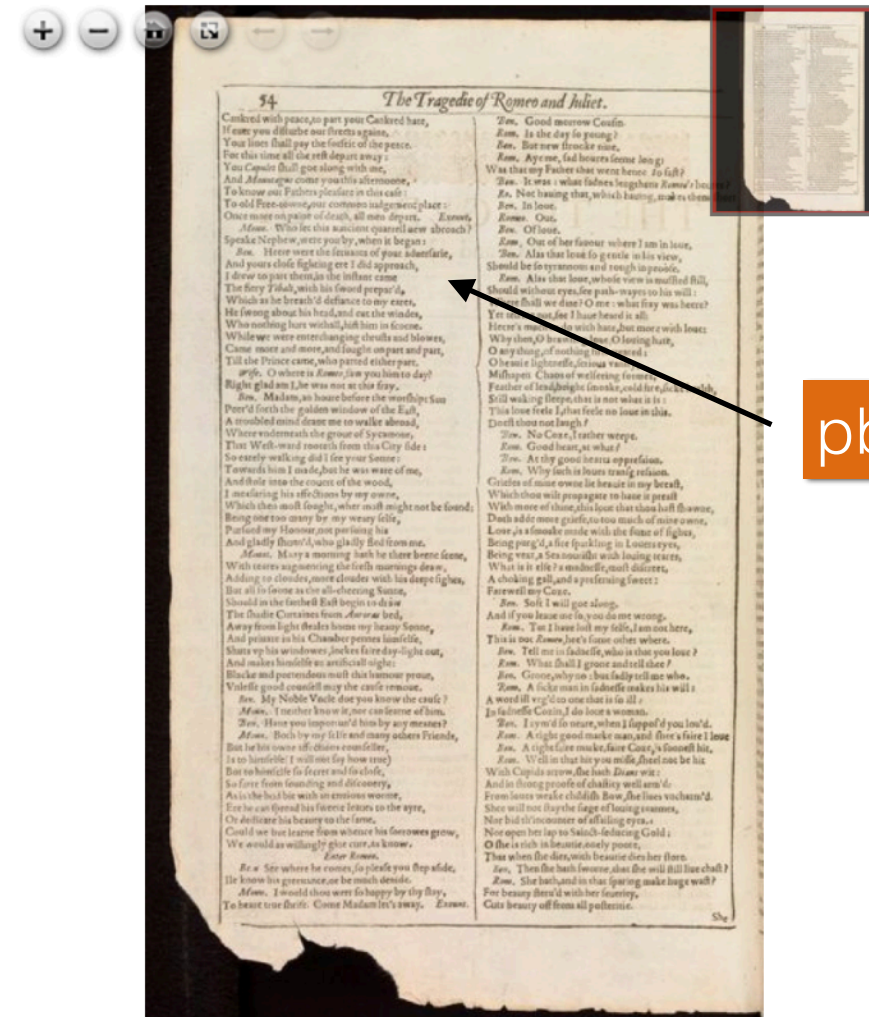
The Tragedie of Romeo and Iuliet. 54

Cankred with peace, to part
your Cankred hate,
If euer you disturbe our streets
again,
Your liues shall pay the forfeit
of the peace.
For this time all the rest depart
away:
You *Capulet* shall goe along
with me,
And *Mountague* come you this
afternoone,
To know our Fathers pleasure in
this case:
To old Free-towne, our
common iudgement place:
Once more on paine of death,
all men depart.

Moun. Who set this
auncient quarrell new abroad?

Ben. Good morrow Cousin.
Rom. Is the day so young?
Ben. But new strooke nine.
Rom. Aye me, sad houres
seeme long:
Was that my Father that went
henec hence so fast?
Ben. It was: what sadnes
lengthens *Romeo's* houres?
Ro. Not hauing that, which
hauing, makes them short
Ben. In loue.
Romeo. Out.
Ben. Of loue.
Rom. Out of her fauour
where I am in loue.
Ben. Alas that loue so gentle
in his view,
Should be so tyrannous and
rough in prooffe.

Rom. Alas that loue, whose
view is muffled still,



pb-facsimile

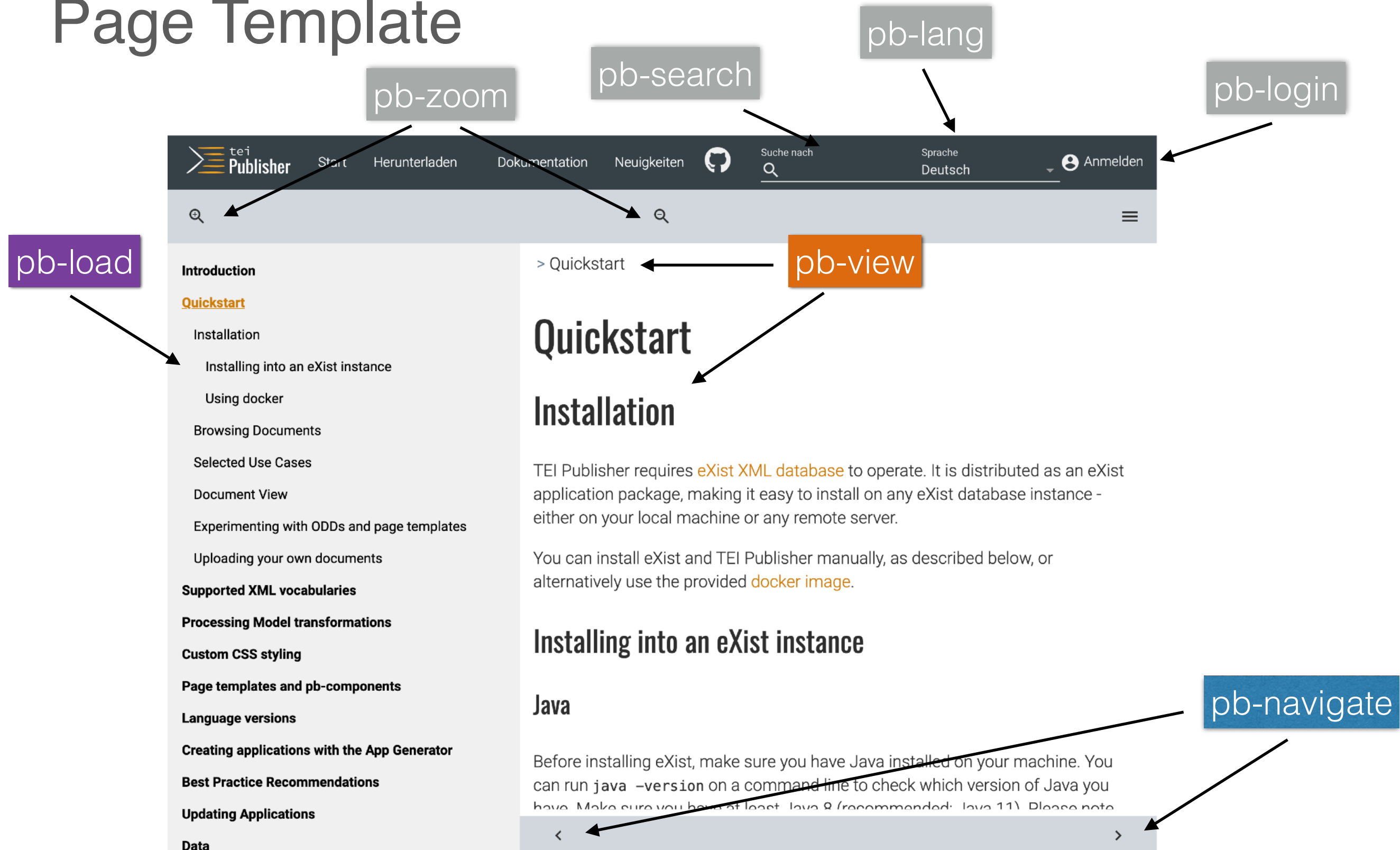
Web Components

- Custom HTML elements following the naming convention: `prefix-name` (e.g. `pb-view`, `pb-facsimile` ...)
- Each element is an encapsulated monadic entity, communicating with the outside only through its defined interface
- Part of the HTML5 standard, natively implemented by browsers

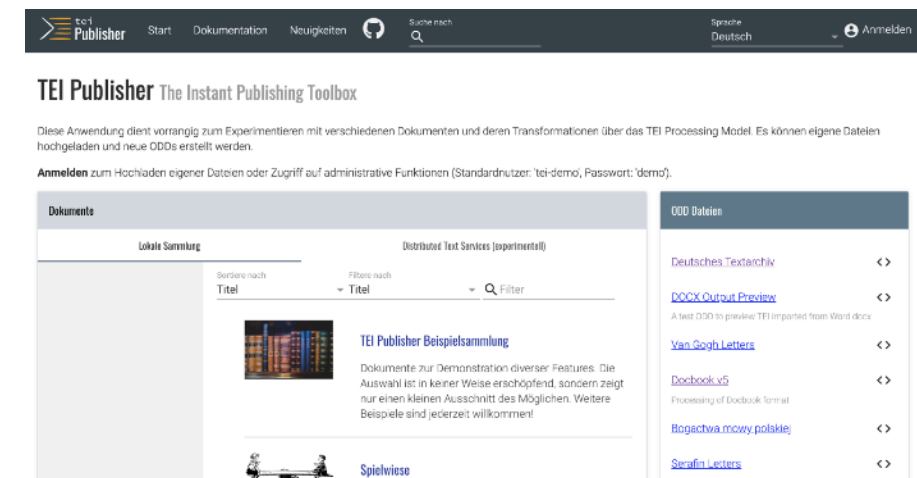
Web Components in Publisher

- Imagine a box of "lego" blocks
- Designed to be moved around, rearranged, recombined
- Communicate mostly via signals sent into channels

Page Template



TEI Publisher App



Generate

Standalone Edition



TEI Publisher Lib
Implements TEI Processing Model

User Interface Components

HTML5 Web Components: basic
building blocks for page templates