TEI ODD support in

Octavian Nadolu

octavian_nadolu@oxygenxml.com
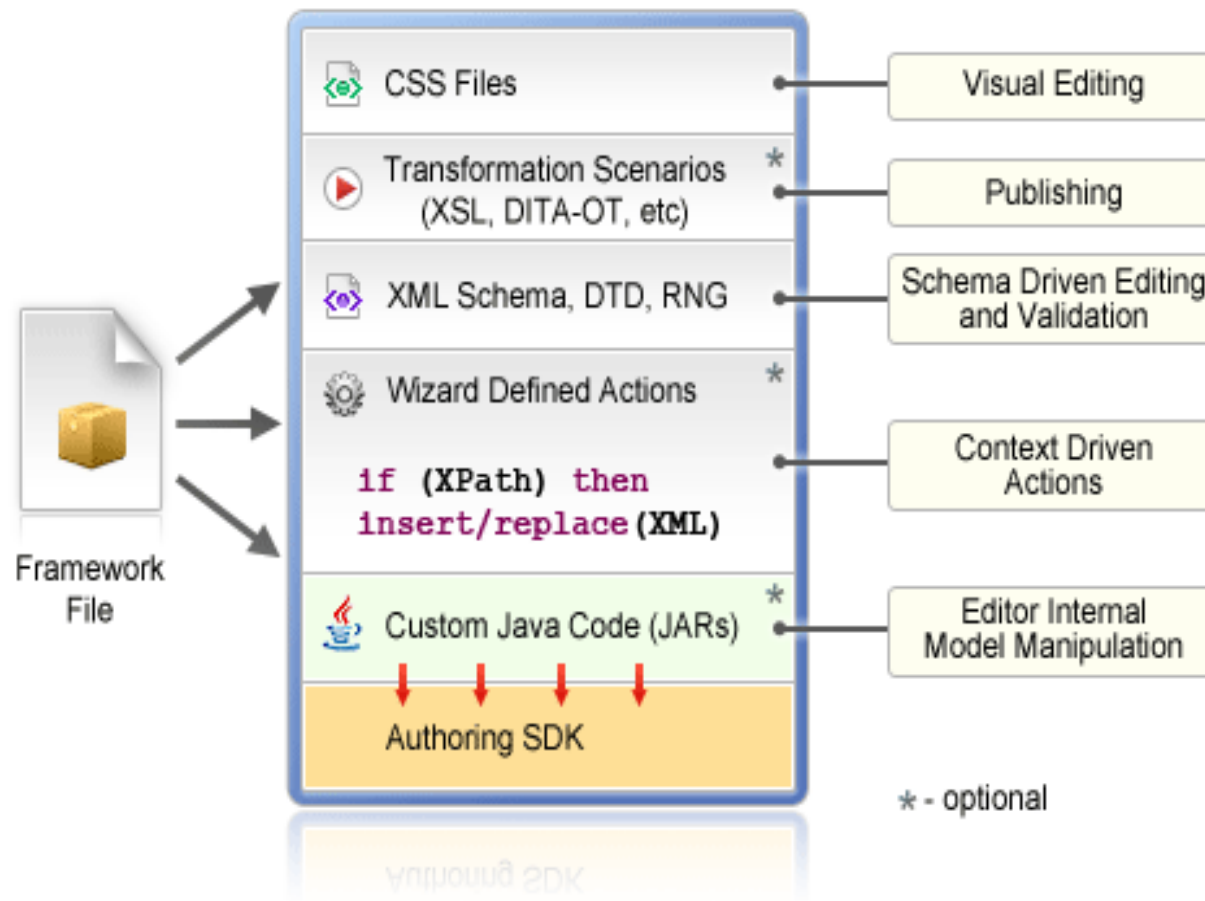@OctavianNadolu

TEI ODD
(one document does it all)

A document which describes:

- Element and attributes
- Descriptions
- Examples
- Content model and datatypes
- Information about how it can be used
- Constraints

TEI ODD Framework

TEI ODD Framework

- TEI ODD file templates

- Validation

- Content completion

- Transformations of TEI ODD files

Create TEI Customization

- Using a RealxNG schema

- Using a DTD

- Write a TEI ODD specification

Create TEI ODD in

- Start a TEI ODD from scratch

- Start from an existing TEI ODD template

- Modify an existing TEI ODD customization

Edit TEI ODD

- Content completion for elements and attributes

- Content completion for modules, elements, classes

- Documentation for elements and attributes

- Links to the TEI guideline

Add custom element

```
<elementSpec ident="soundClip" mode="add">
   <desc>The sound clip element</desc>
   <classes mode="replace">
     <memberOf key="model.pPart.data"/>
   </classes>
   <content>
      <text xmlns="http://relaxng.org/ns/structure/1.0"/>
   </content>
</elementSpec>
```
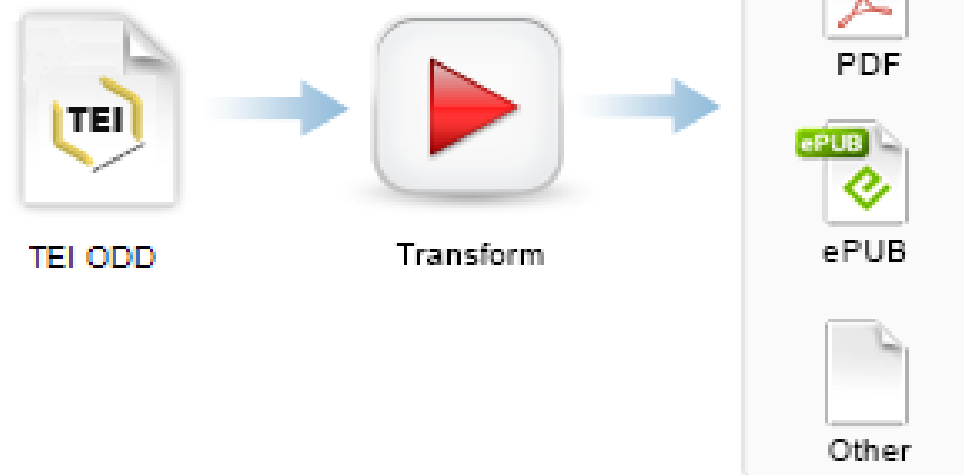
Generate TEI ODD schema

Multiple schema formats

- RelaxNG XML

- RelaxNG Compact

- DTD

- XML Schema

Generate TEI ODD Documentation

Generate documentation in multiple formats
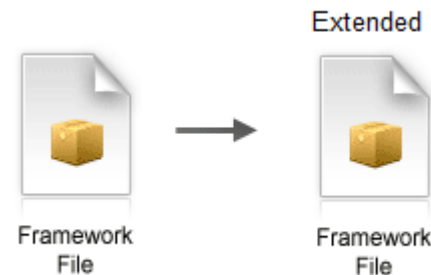
- HTML

- PDF

- EPUB

- DOCX

- ODT

Use TEI Customization

- Modify TEI framework

Framework File

- Extend TEI framework

Framework File → Extended Framework File

Modify TEI framework

- Create a new TEI template

- Set the custom schema in the framework

Modify TEI Framework

- Advantages

  - The modification is simple

- Disadvantages

  - TEI framework update must be done manually
  - Cannot make to many modifications
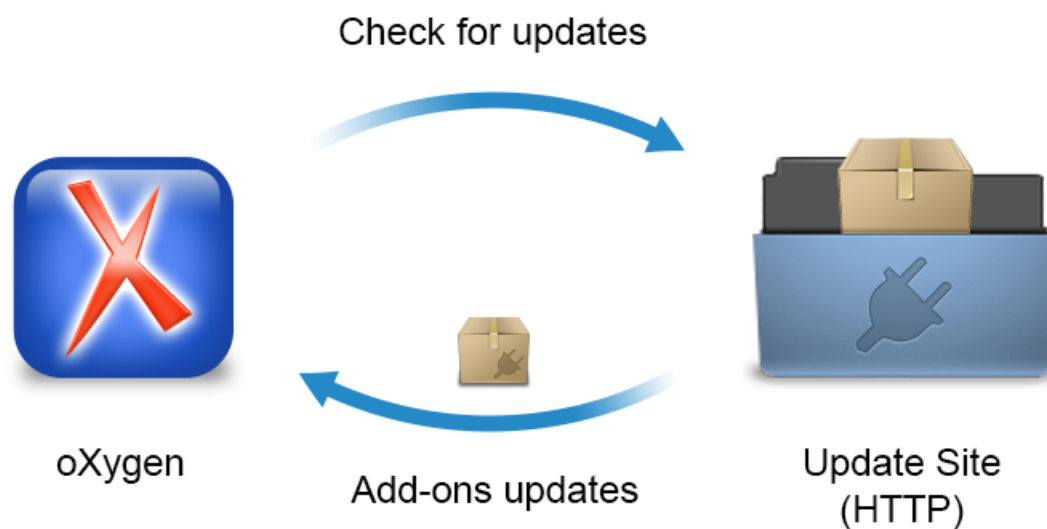
Extend TEI framework

- Change the refereed schema

- Add new actions

- Add new transformation scenarios

- ...

Extend TEI Framework

- Advantages
  - Add/Remove functionality from base
  - Benefit of the new features/actions

- Disadvantages
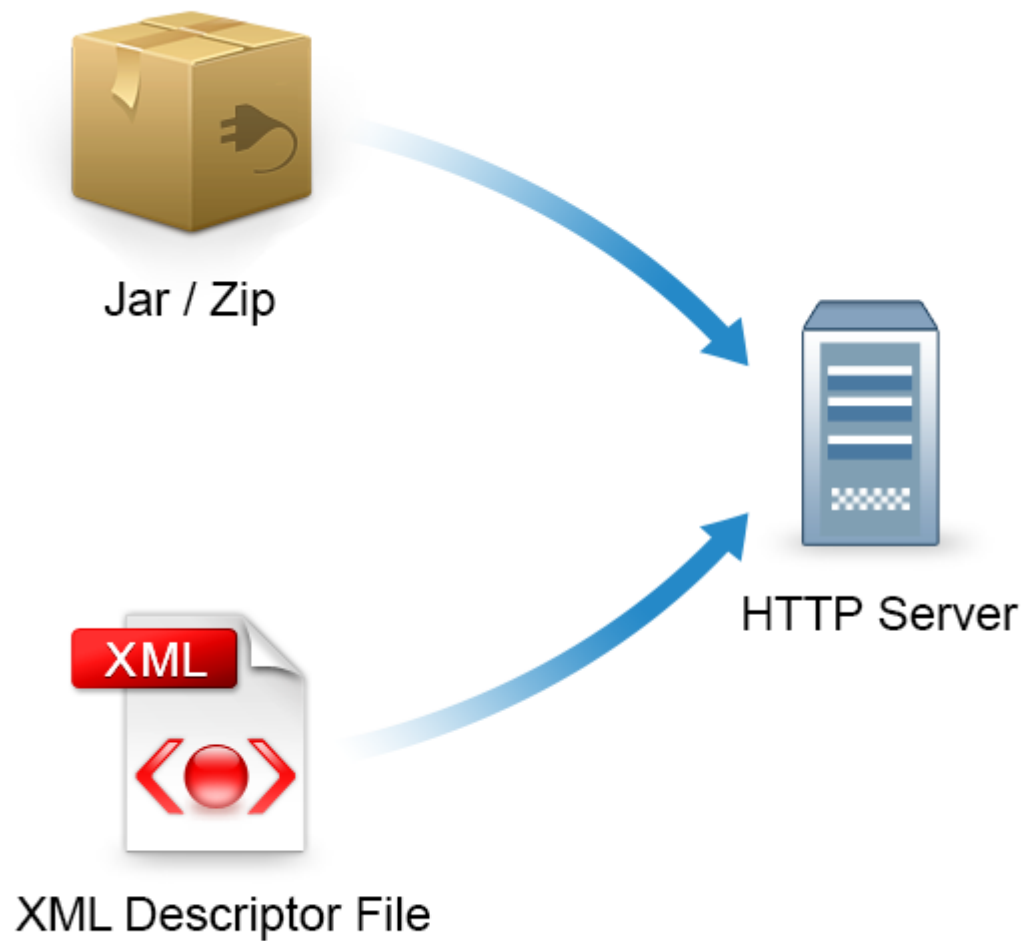 - All the TEI documents will match the new framework

Sharing the framework

- ZIP

- Add-ons

Check for updates

oXygen

Add-ons updates

Update Site
(HTTP)

Add-on

Jar / Zip

HTTP Server

XML Descriptor File

Thank you!

Questions?

XML Editor
http://www.oxygenxml.com
octavian_nadolu@oxygenxml.com
@OctavianNadolu