Creating Frameworks Using an Extension Script

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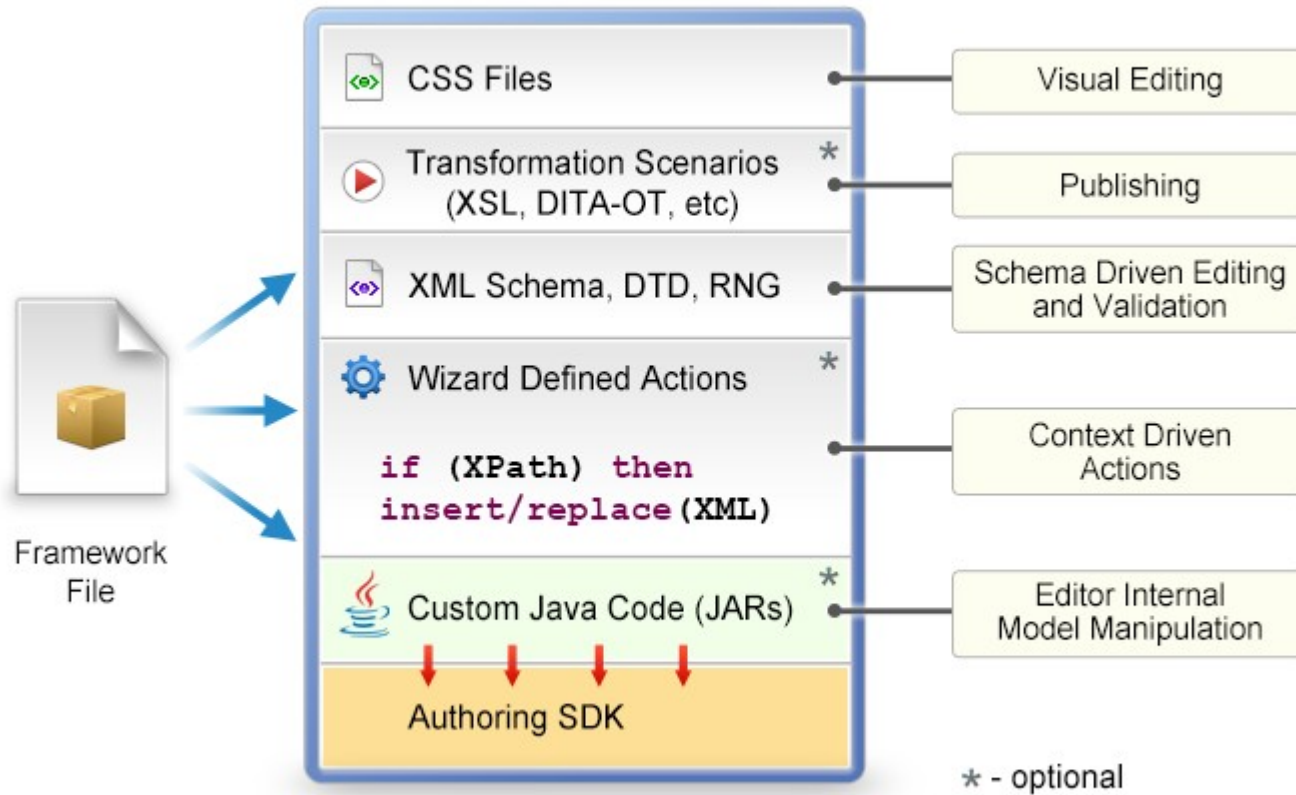
syncro soft

XML Editor

Agenda

- The framework concept

- The challenges

- **Use case 1:** Creating a new framework

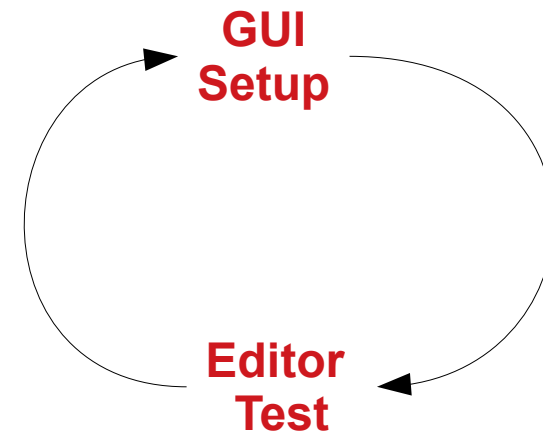- **Use case 2:** Extending a framework

The framework concept

How to define the configuration

- Using the Graphical User Interface
  - Friendly

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- Using the Graphical User Interface

  – Friendly

  – Cumbersome in some cases

GUI
Setup

Editor
Test

How to define the configuration

- Using the Graphical User Interface
  - Friendly
  - Cumbersome in some cases
- Alter or extend existing frameworks?

Framework Extension Script

- Creates a new framework or extends an existing one

- Works on multiple levels $A \rightarrow B \rightarrow C \rightarrow D$

```
<script base="DITA">
   <name>Lightweight DITA</name>

   <author>
      <css>
         <addCss
           path="${framework}/titles.css"
             position="after"/>
      </css>
</script>
```

Use case 1

- Creating a new framework
    - Association rules
    - Validation and content completion
    - Document templates
    - Setup Author mode (CSS, Actions, Content Completion)

Use case 2

- Extending a framework
  - Changing the Author mode (CSS, Actions)
  - Content completion (cc_config_ext.xml)

The script path

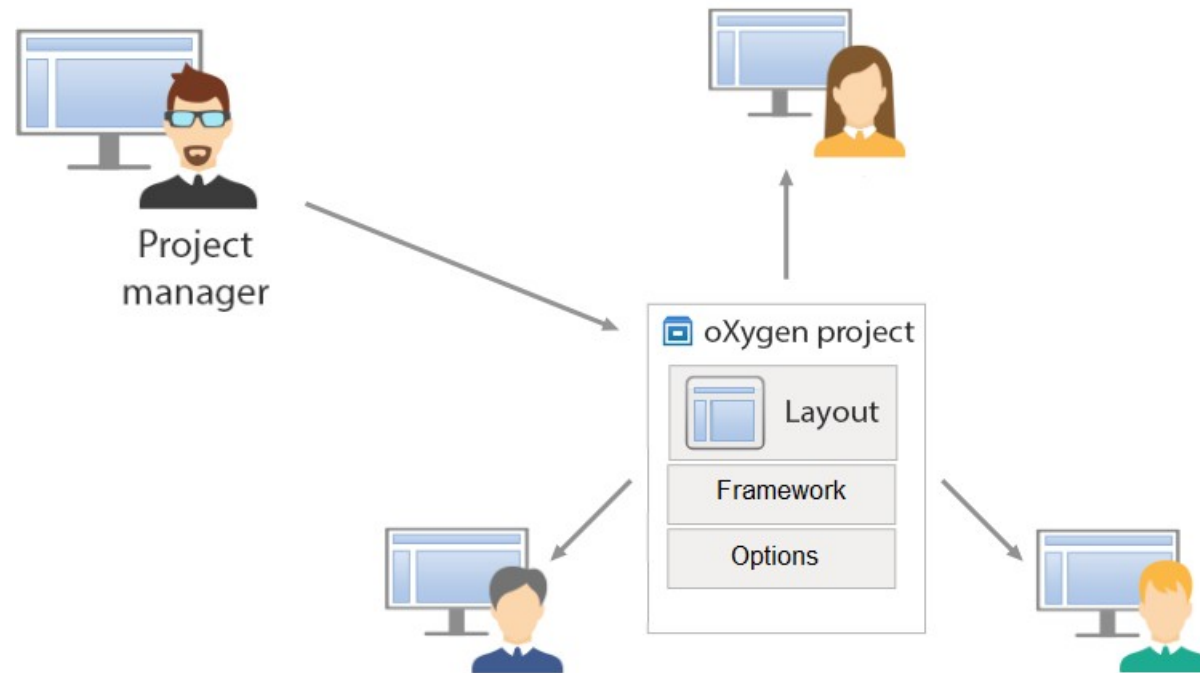1) Easy to write

2) Easy to test

3) Easy to maintain
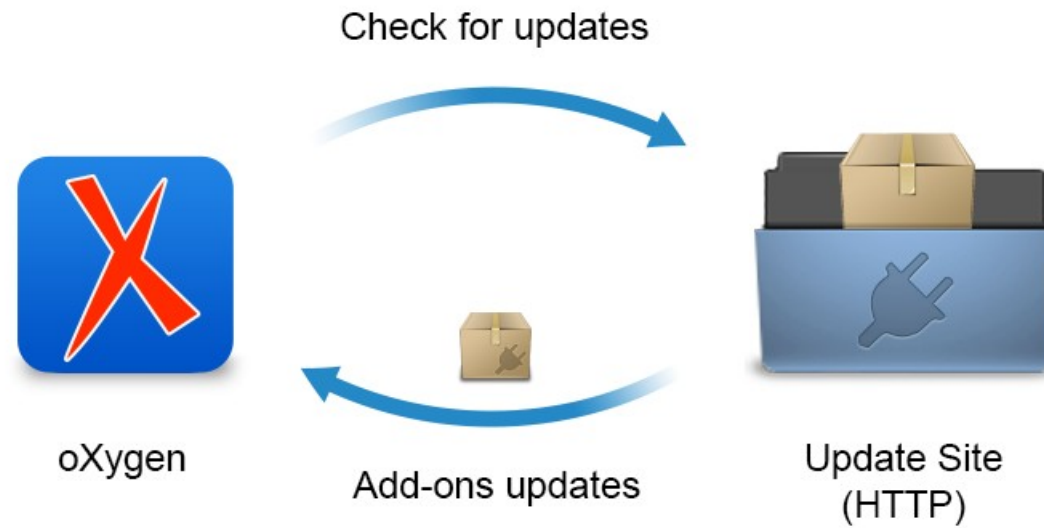
Deployment

- Scripts are automatically detected and loaded

- Scripts can be compiled into a *.framework*

  – "Compile Framework Extension Script" editor action

  – scripts/compileFrameworkScript.bat

The Oxygen Project file

The add-on

THANK YOU!

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