

# Creating Frameworks Using an Extension Script

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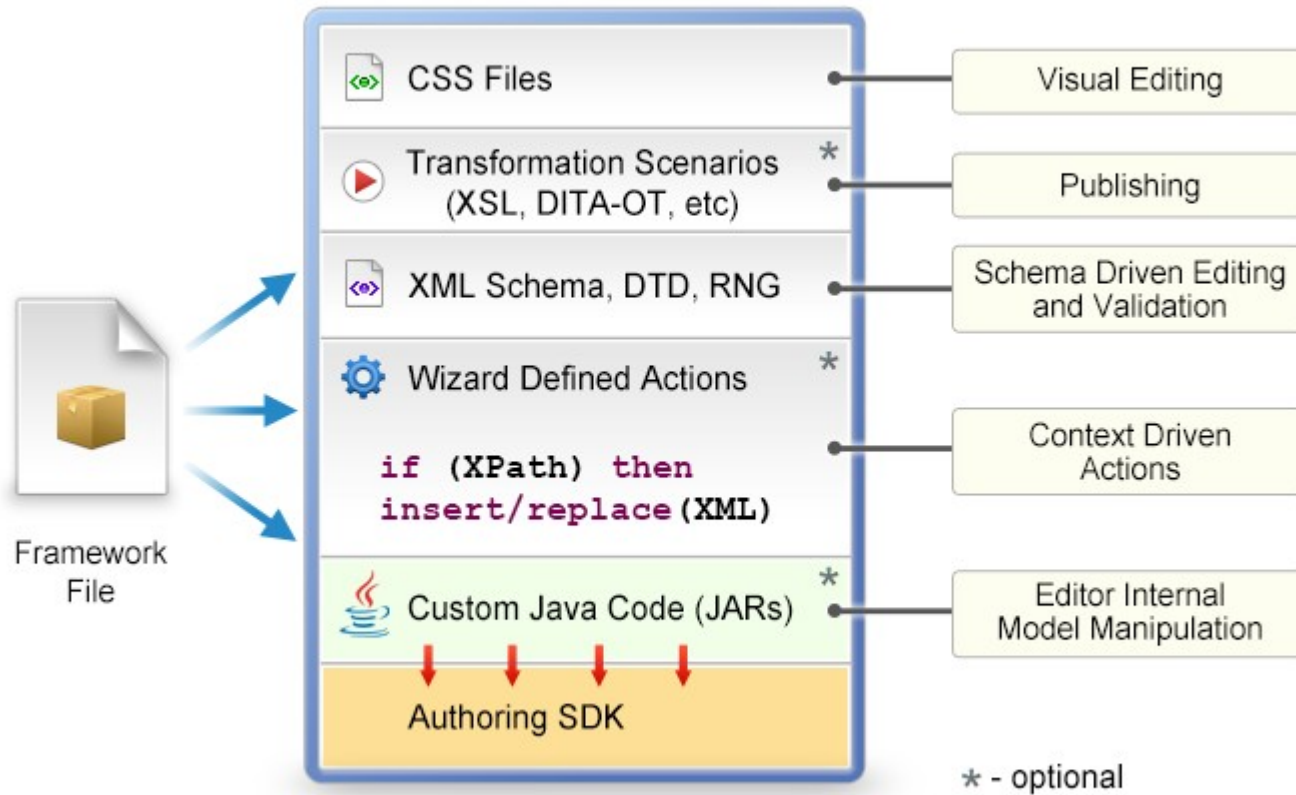
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# Outline

- The framework concept
- The challenges
- **Use case 1:** Creating a new framework
- **Use case 2:** Extending a framework

# The framework concept

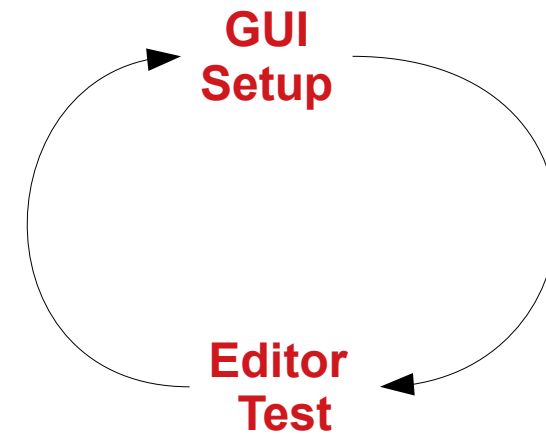


# How to define the configuration

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  - **F**riendly

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  - Cumbersome in some cases



# How to define the configuration

- Using the **G**raphical **U**ser **I**nterface
  - **F**riendly
  - **C**umbersome in some cases
- **A**lter or **e**xtend 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`

# THANK YOU!

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