

# What's New

 Oxygen XML Web Author v23.1

 Oxygen Content Fusion v4.0

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# Agenda

- Content Fusion
  - Localization support
  - Customization based on user role
  - Concurrent Editing
- Web Author
  - Concurrent Editing API
  - Framework extension script
- SDK

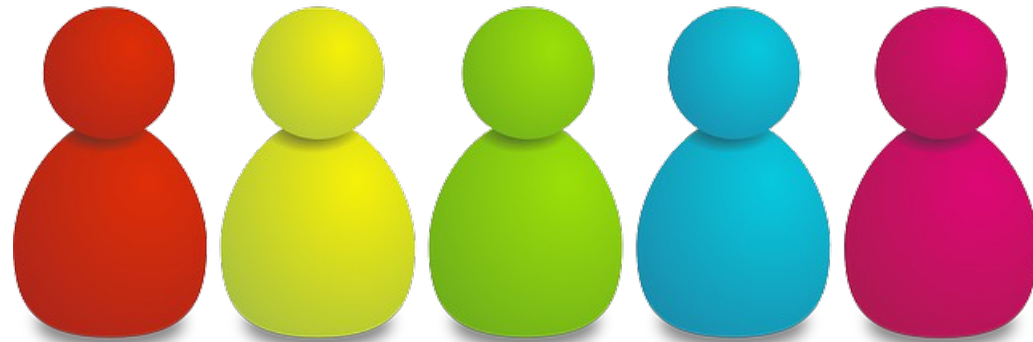
# Content Fusion

- UI localization is now available in the following languages:
  - English
  - French
  - German
  - Japanese
  - Dutch
  - Chinese



## Content Fusion – User Role API

- Customize Web Author based on the user role
  - e.g. only allow reviewers to add comments



# Content Fusion – Concurrent Editing

- Can be enabled per task from the web user interface

## Section 1: Image

The following figure<sup>S</sup> is referen

To preview it in a Web<sub>C</sub> browse

# Web Author - Concurrent Editing Performance

- Enable concurrent editing?
  - It needs more CPU & RAM
    - Although no noticeable increase in latency
  - Most often there is a single active user
- Now:
  - No performance penalty when a for a single active user

**ENABLE CONCURRENT EDITING**



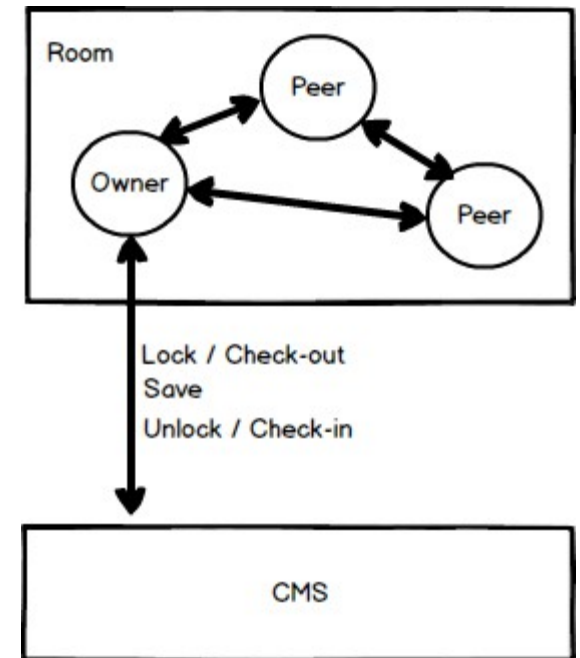
# Web Author - Concurrent Editing Stability

- BETA:
  - We use it internally without problems
  - Our QA can still break it
- Plan:
  - Next release to remove the BETA label
  - New API for custom actions:
    - A Table Properties dialog should not fail while another deletes the table



# Web Author – Shared Editing Session UX

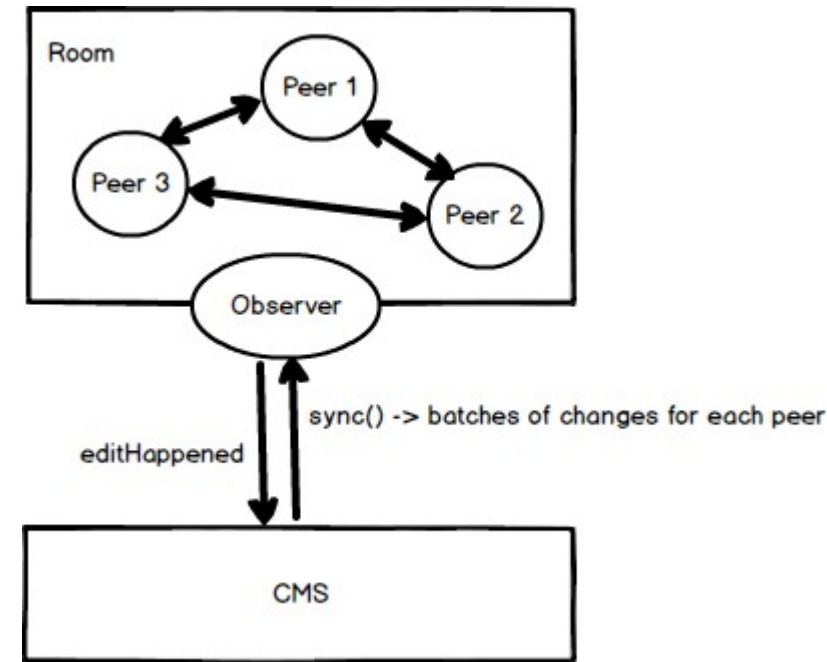
- UX:
  - An user (owner) shares her editing session
    - Owner saves / checks-in the content
  - Other users are invited to join the editing session
- Very easy to integrate with CMS-es
  - There is only one user that saves the changes





# Web Author – Concurrent Editing API

- Seamless UX
- API
  - CMS listens when edits happen
  - CMS pulls (per user) batches of changes from the Observer



# Web Author – Concurrent Editing Authentication

- Design decisions for a CMS
  - Which user checks the document out?
  - Which user gets to save the changes?
  - What happen when that user logs out, but others are editing?
- This might imply changes in the CMS API

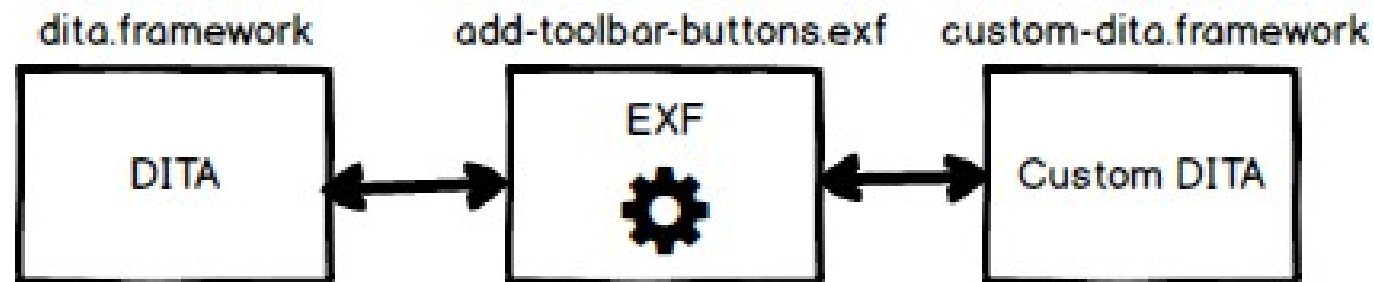
# Web Author – Concurrent Editing Authentication

- Our choice for Content Fusion:
  - Use service account
    - Keep the file locked
    - Saves changes made in the editor **on behalf** of each peer
      - Records the correct author for each save

# Web Author – Framework Extension Script

- Write frameworks as a human readable configuration file (EXF)
  - Can be stored in a Git repository
  - Meaningful diffs
  - Robust to changes in the base framework
  - More productive to write than using GUI
  - Faster edit/check cycles

```
<script base="DITA">
  <name>Custom DITA</name>
  <priority>High</priority>
  <author>
    <!-- Author Actions in the
`actions` folder -->
    <toolbars>
      <toolbar>
        <separator/>
        <addAction
id="delete.draft.comments"/>
        <addAction id="sort.a.table"/>
      </toolbar>
    </toolbars>
  </author>
</script>
```



# SDK

- A set of Maven artifacts
- Can be used to create
  - Frameworks
  - Plugins
  - Your own web application that bundles
    - Web Author Component
    - Configuration, plugins, frameworks
- Access to the SDK is available at no cost for the developer

[https://www.oxygenxml.com/oxygen\\_sdk.html](https://www.oxygenxml.com/oxygen_sdk.html)

# THANK YOU!

## **Any questions?**

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