



Oxygen Content Fusion Projects

Bogdan Dumitru

Software Developer, Syncro Soft
bogdan_dumitru@oxygenxml.com

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Who are we?

- I'm a dev at oxygenxml.com for over 8y
- We are oxygenxml.com



History

- 2002 Oxygen XML Editor
- 2007 Oxygen XML Author
- 2016 Oxygen XML Web Author
- 2019 Oxygen Content Fusion 1.0
- 2024 Oxygen Content Fusion 6.2

Agenda

- Content-related challenges
- Oxygen Content Fusion
- Oxygen Content Fusion Projects
- Oxygen Content Fusion extensibility and customizability

Content-related challenges

- What challenges are you currently facing?
 - extracting information from SMEs
 - getting Review
 - addressing and integrating Review
- So you need a web platform, to be open and accessible, everyone to love to use it?

Content Fusion saves your time

- It sends emails to reviewers
- It allows all of your colleagues to concurrently edit the same doc
- It helps prioritizing review tasks (based on due date)
- It answers instantly what the review status/progress is
- It assists you when merge conflicts appear
- ...

What is Content Fusion?

- The **Web-based** Collaboration **Platform** to Craft Tomorrow's Content.
- It's on-premise.
- Focused on DITA
- Many features (authoring -> reviewing -> publishing)

What is Content Fusion for Oxygen XML Editor users?

- **Web-based solution** that has:
 - author-mode with concurrent editing
 - publishing
 - + collaboration features (create review task, share link, assign reviewer, etc)
- You can also use Content Fusion together with Oxygen XML Editor.

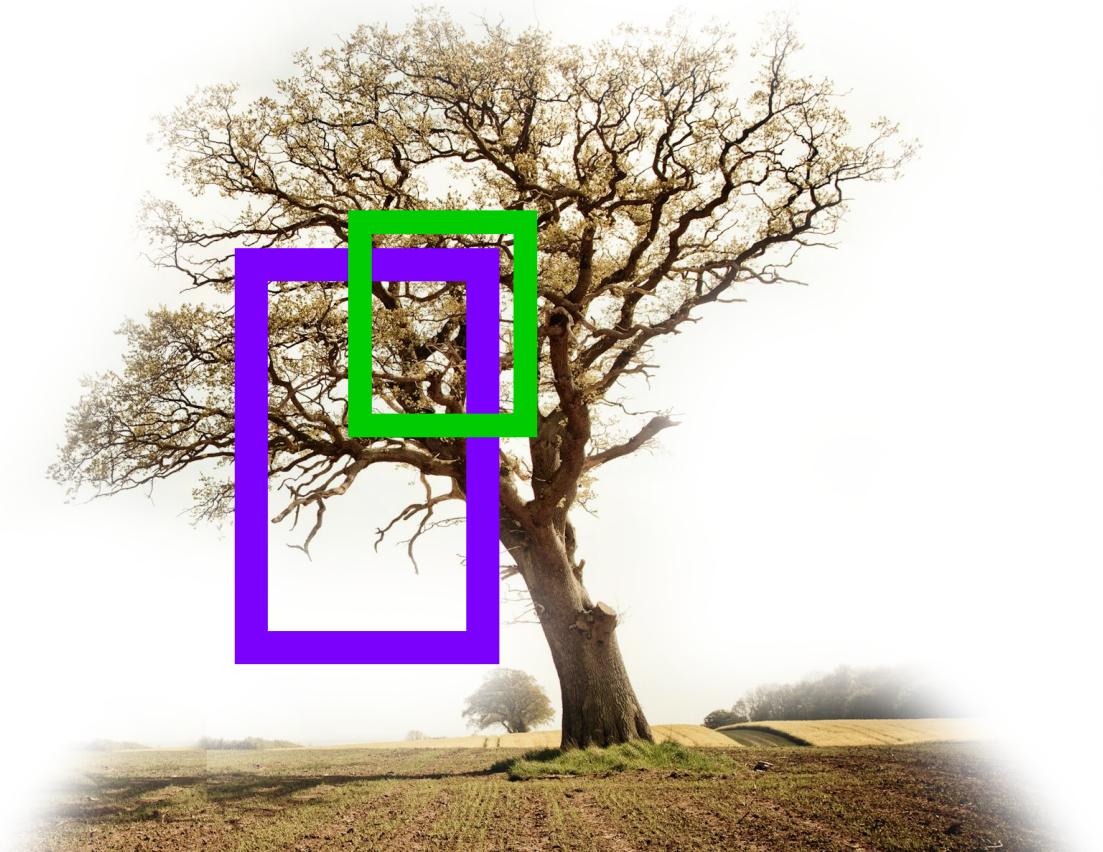
Content Fusion as a features tree (1)

- **Authoring**
- DITA
- Concurrent editing
- Validation
- Track Changes



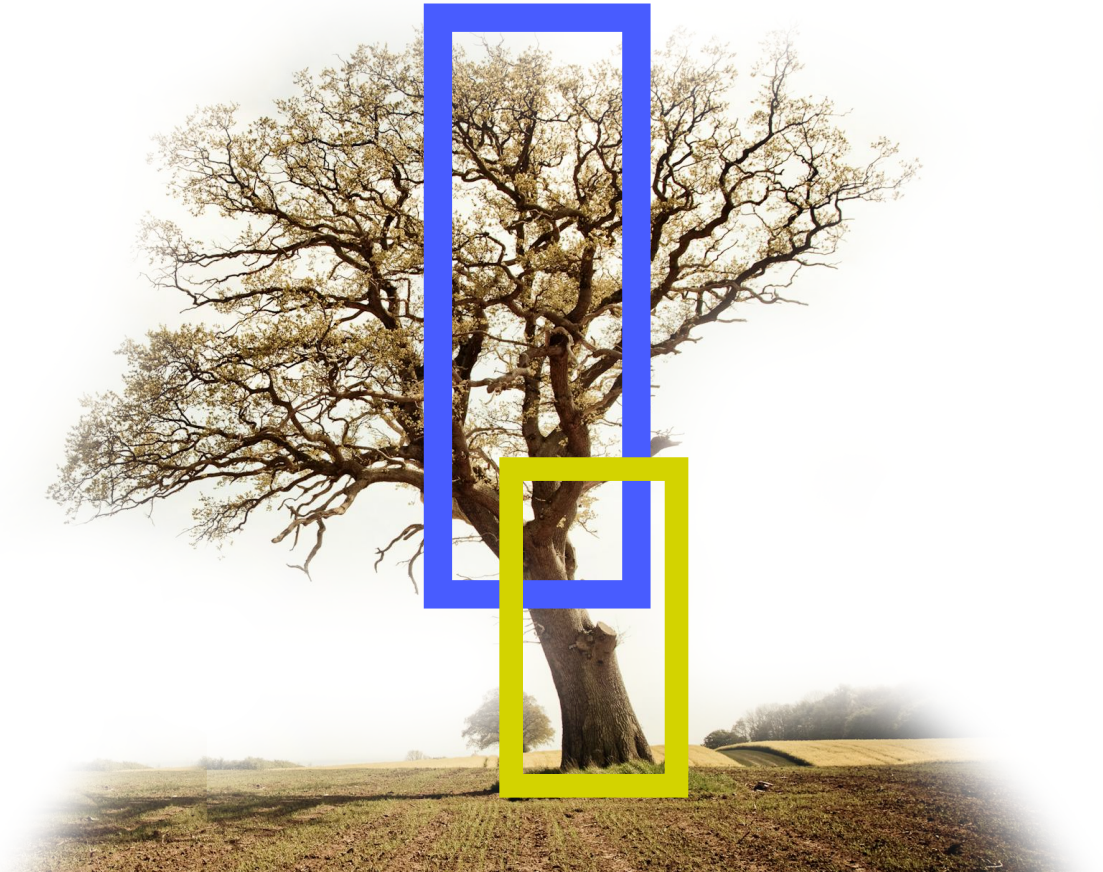
Content Fusion as a features tree (2)

- **Publishing**
- WebHelp
- Styles Basket



Content Fusion as a features tree (3)

- **Collaboration**
- Review workflow
- Email notifications
- Due date
- Merge feedback



Content Fusion as a puzzle

- Contains a lot of Oxygen.



What does Content Fusion focus on?

- Collaboration,
- Collaboration,
- Collaboration.

Why use Content Fusion?

- For tech-people:
 - **No migration required**
 - Standard tech (XML, DITA, DITA-OT, Git)
 - Extensible and customizable
 - **No platform lock-In**
- For business-people:
 - Plug your whole organization into content creation
 - Faster review cycles

Let's Dive Into

Content Fusion Project

- Content Fusion Project defines a connection to a **Git repository** that contains DITA content.
- Content Fusion Project allows you to:
 - manage the DITA project
 - manage the review processes within the project
 - build WebHelp and PDF

Content Fusion Project creation

- Specify:
 - the project name
 - the Git repository URL and branch
 - the access (via Access Token or Git account)
- What happens exactly?
 - It simply clones the Git repository

Content Fusion Project initialization

- Define Publications (named pairs of DITA Map + DITAVAL)
- Stored as a DITA-OT Project file.
- Publications are used when creating a Review Task and Deliverables

Content Fusion Project showcase

1. Create Project

2. Collaborate

- 2.1. define a Review Task

- 2.2. assign or share

- 2.3. contribute

- 2.4. review

- 2.5. merge

3. Publish to WebHelp or PDF

Content Fusion Project showcase

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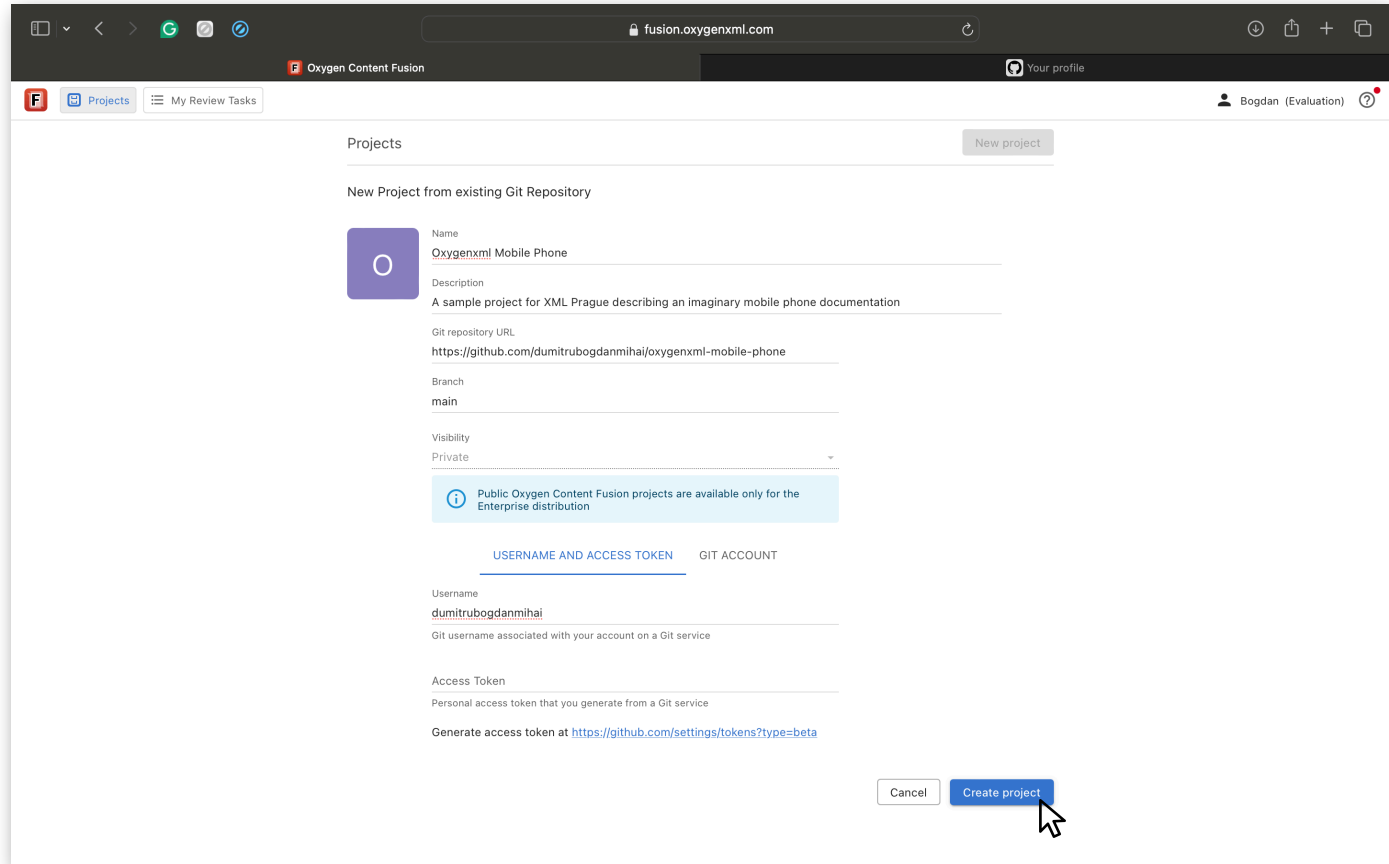
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The screenshot shows the 'New Project' form in the Oxygen Content Fusion web application. The browser address bar shows 'fusion.oxygenxml.com'. The page title is 'Oxygen Content Fusion'. The user is logged in as 'Bogdan (Evaluation)'. The form is titled 'New Project from existing Git Repository' and includes a 'New project' button. The form fields are: Name: 'Oxygenxml Mobile Phone', Description: 'A sample project for XML Prague describing an imaginary mobile phone documentation', Git repository URL: 'https://github.com/dumitrubogdanmihai/oxygenxml-mobile-phone', Branch: 'main', and Visibility: 'Private'. A blue information box states: 'Public Oxygen Content Fusion projects are available only for the Enterprise distribution'. Below this, there are two tabs: 'USERNAME AND ACCESS TOKEN' (selected) and 'GIT ACCOUNT'. The 'USERNAME AND ACCESS TOKEN' tab contains: Username: 'dumitrubogdanmihai', Access Token: (empty), and a link to generate an access token: 'https://github.com/settings/tokens?type=beta'. At the bottom right, there are 'Cancel' and 'Create project' buttons, with a mouse cursor pointing at the 'Create project' button.

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2. Collaborate

2.1. define a Review Task

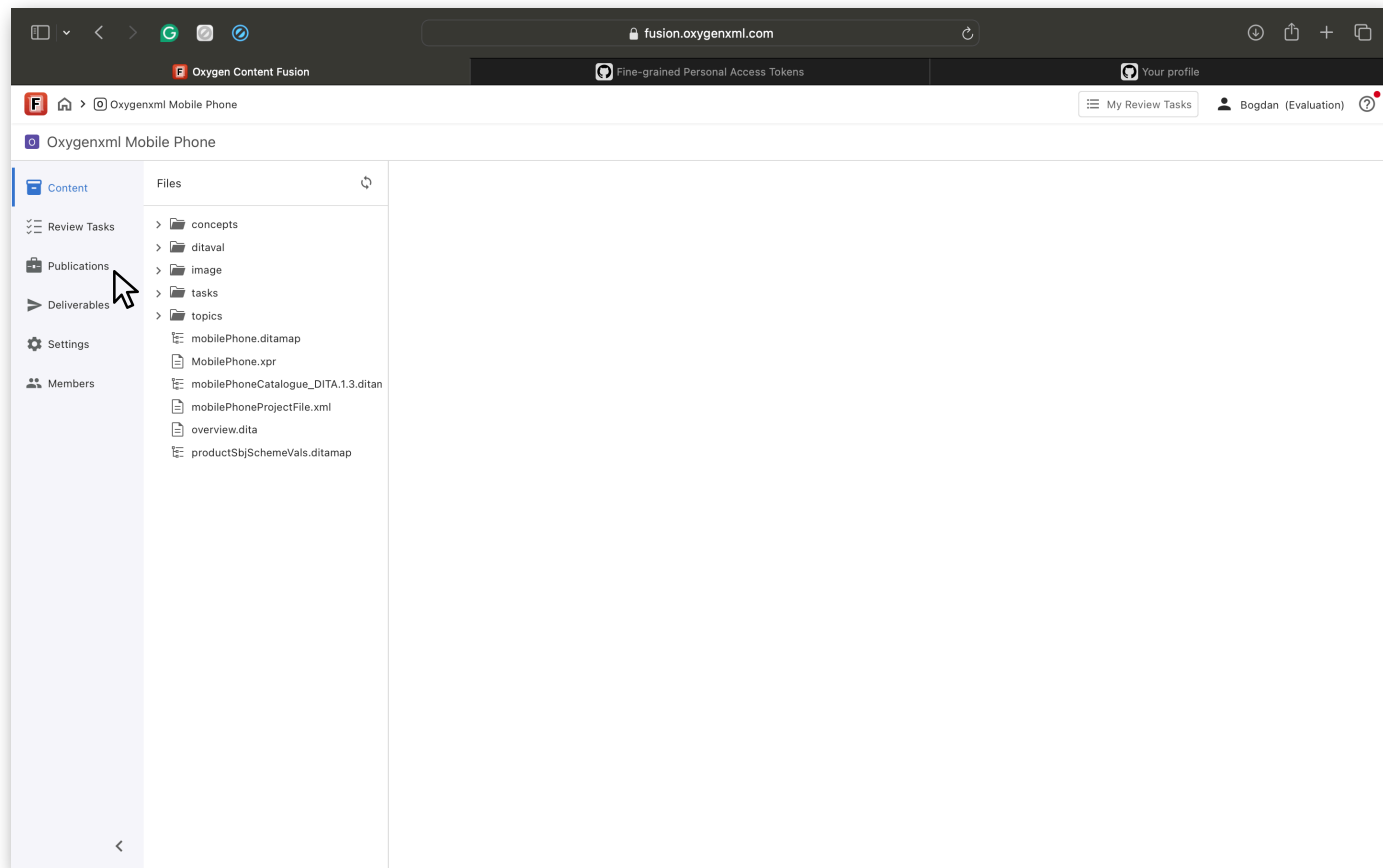
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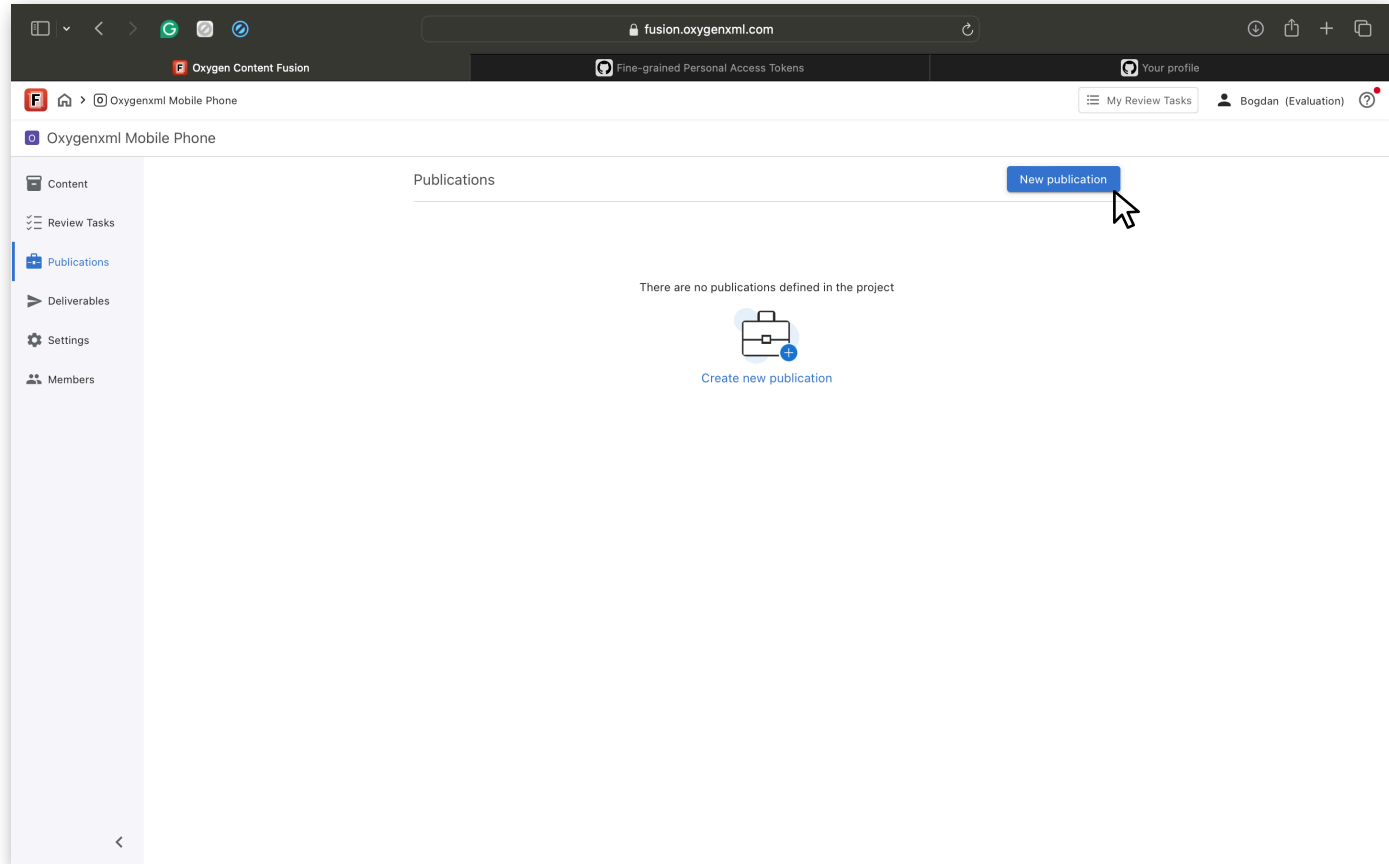
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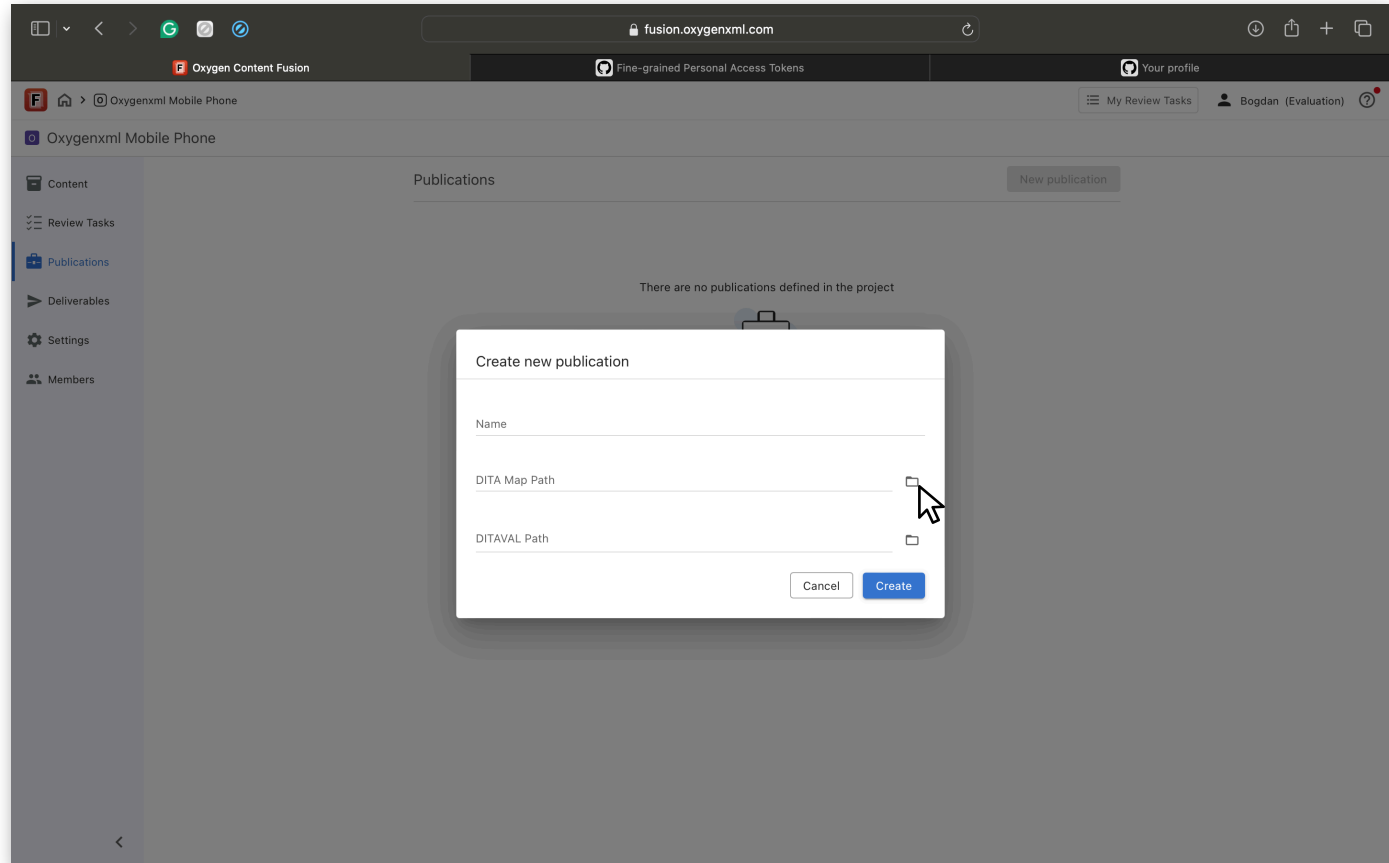
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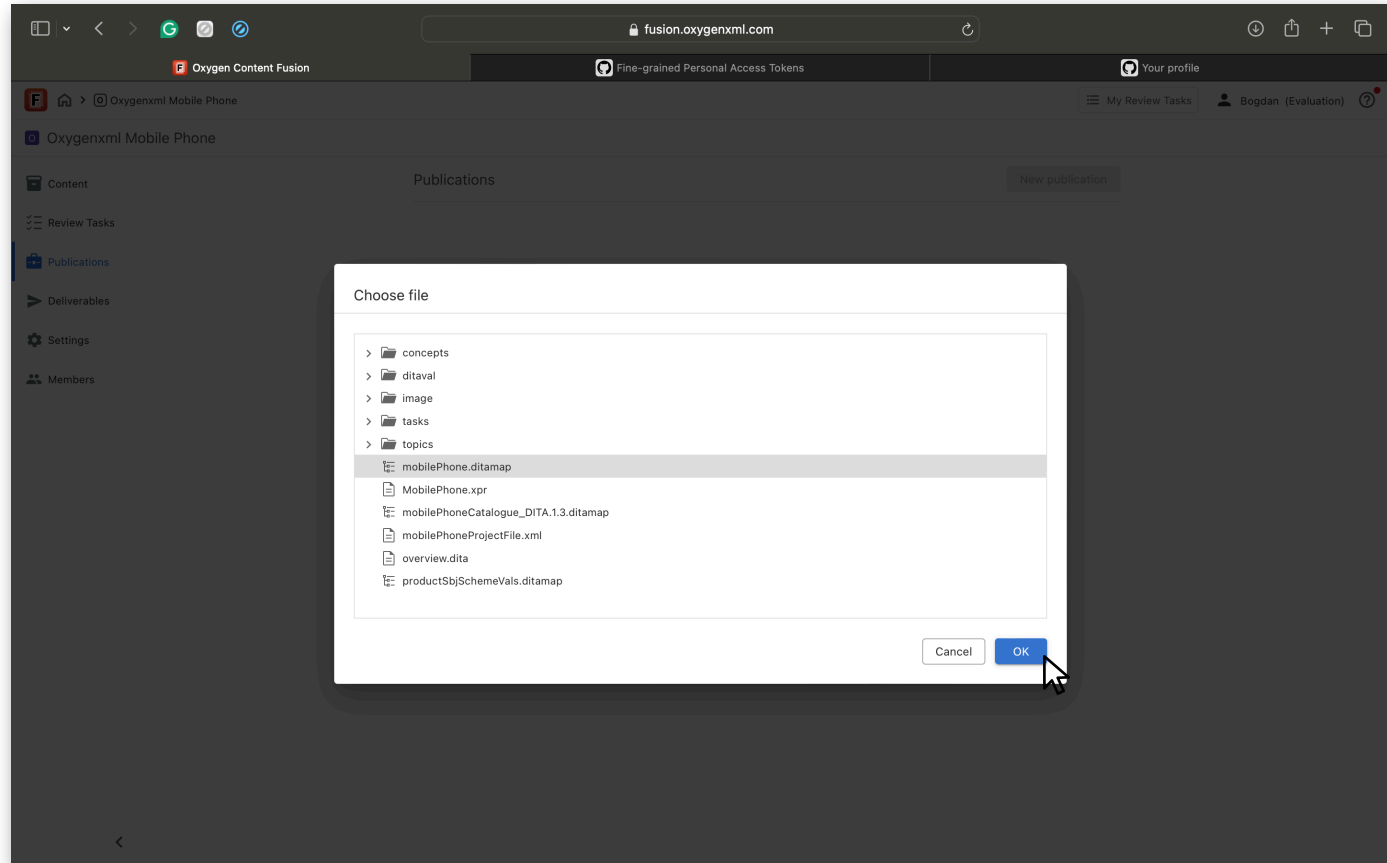
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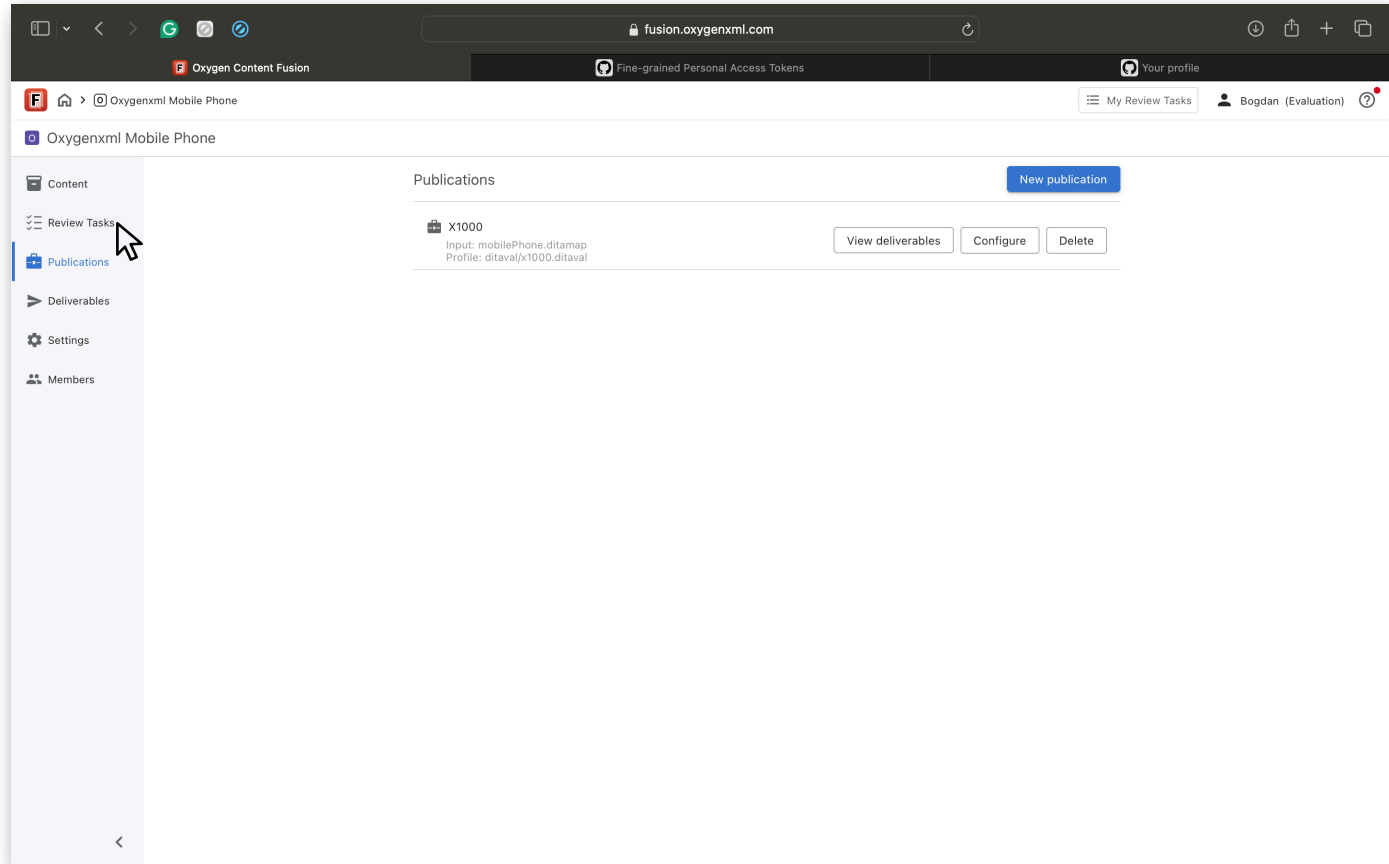
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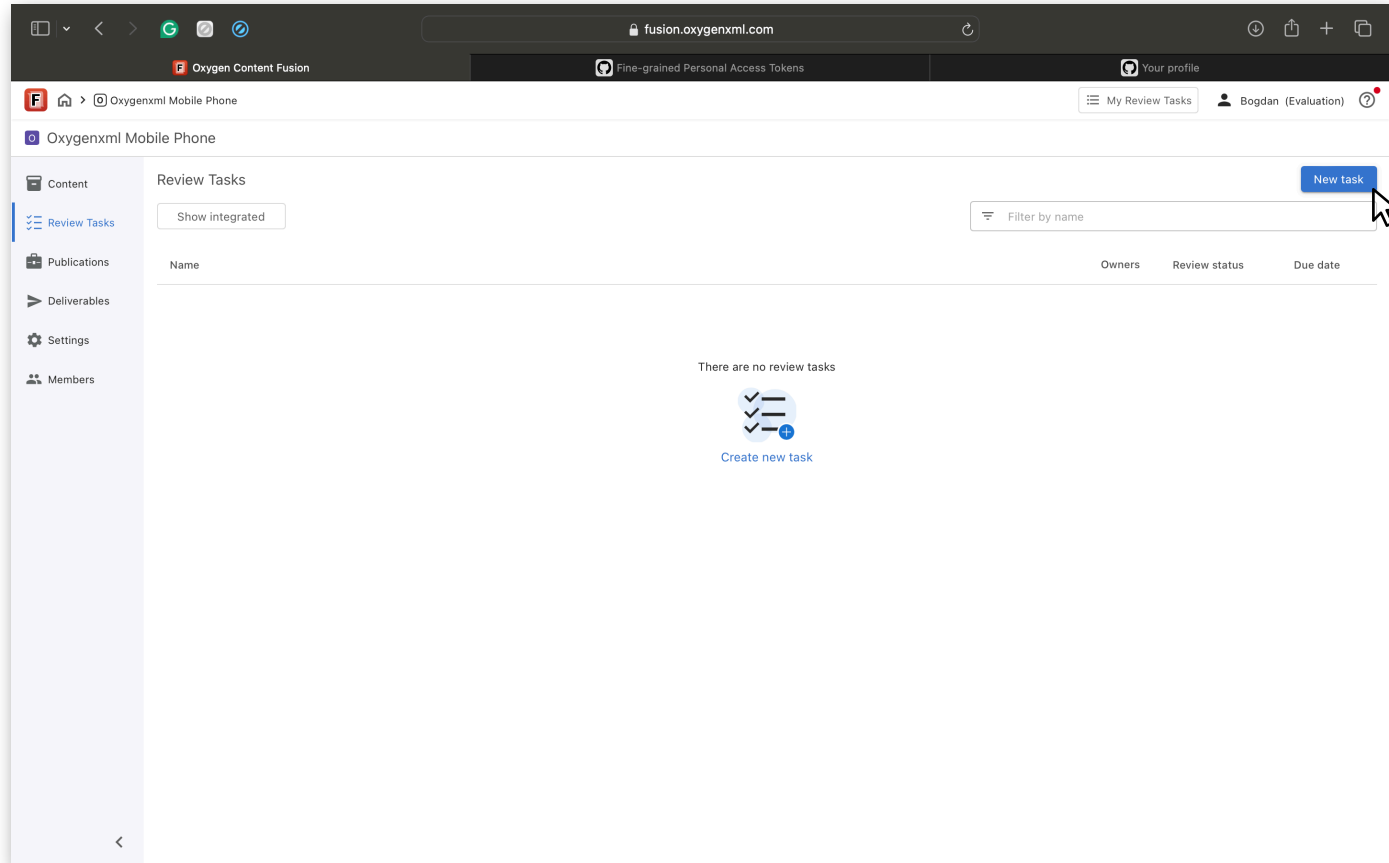
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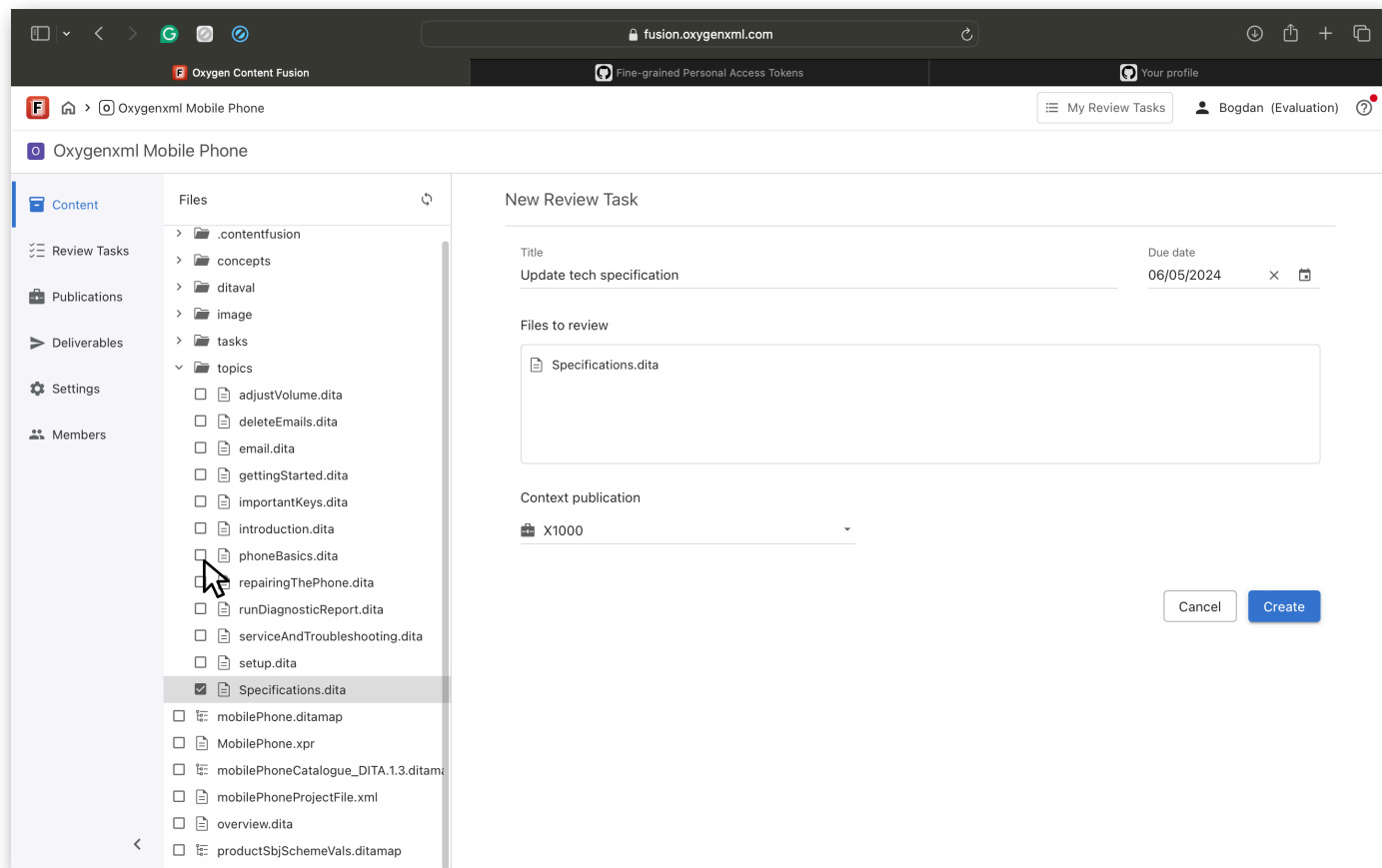
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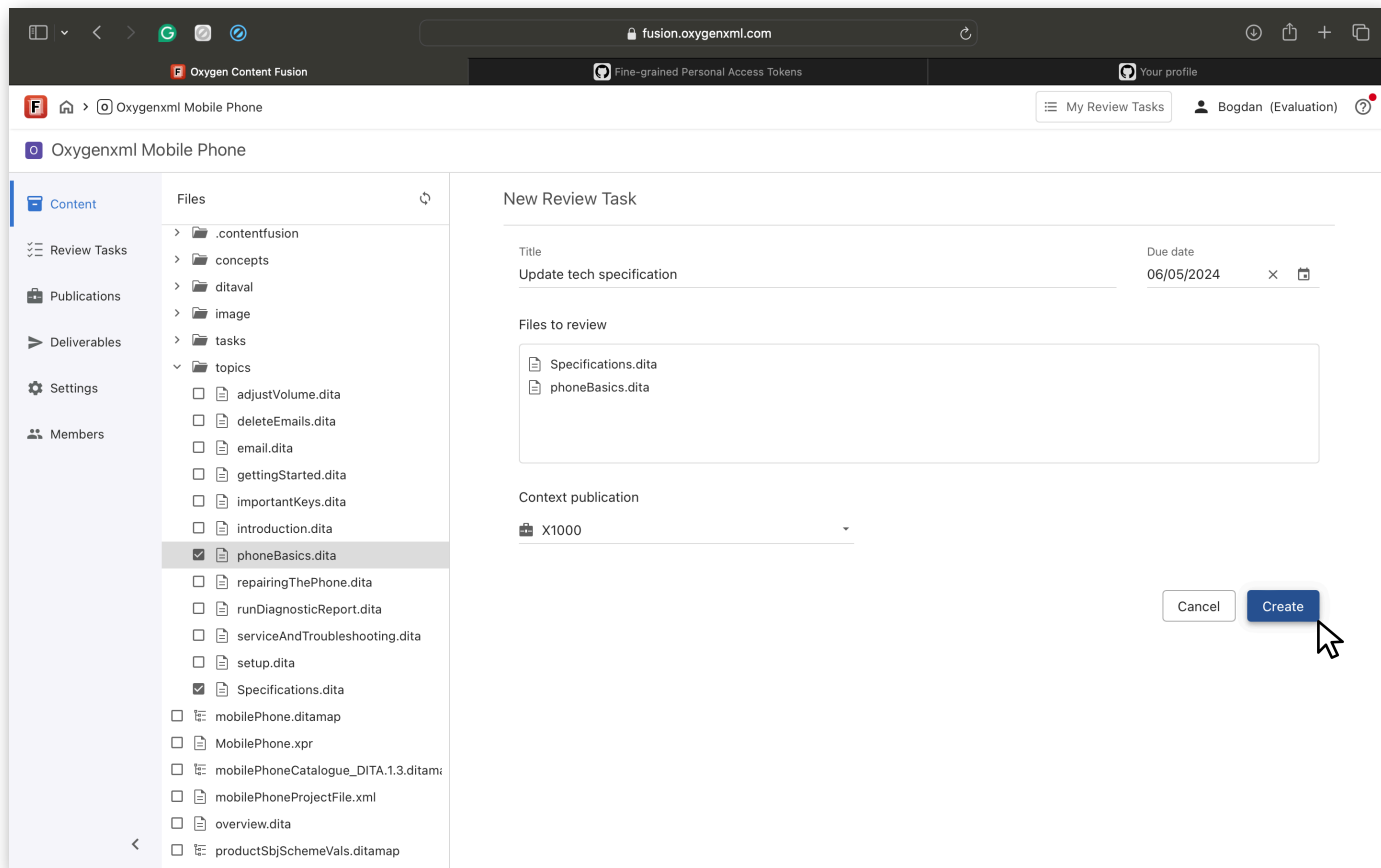
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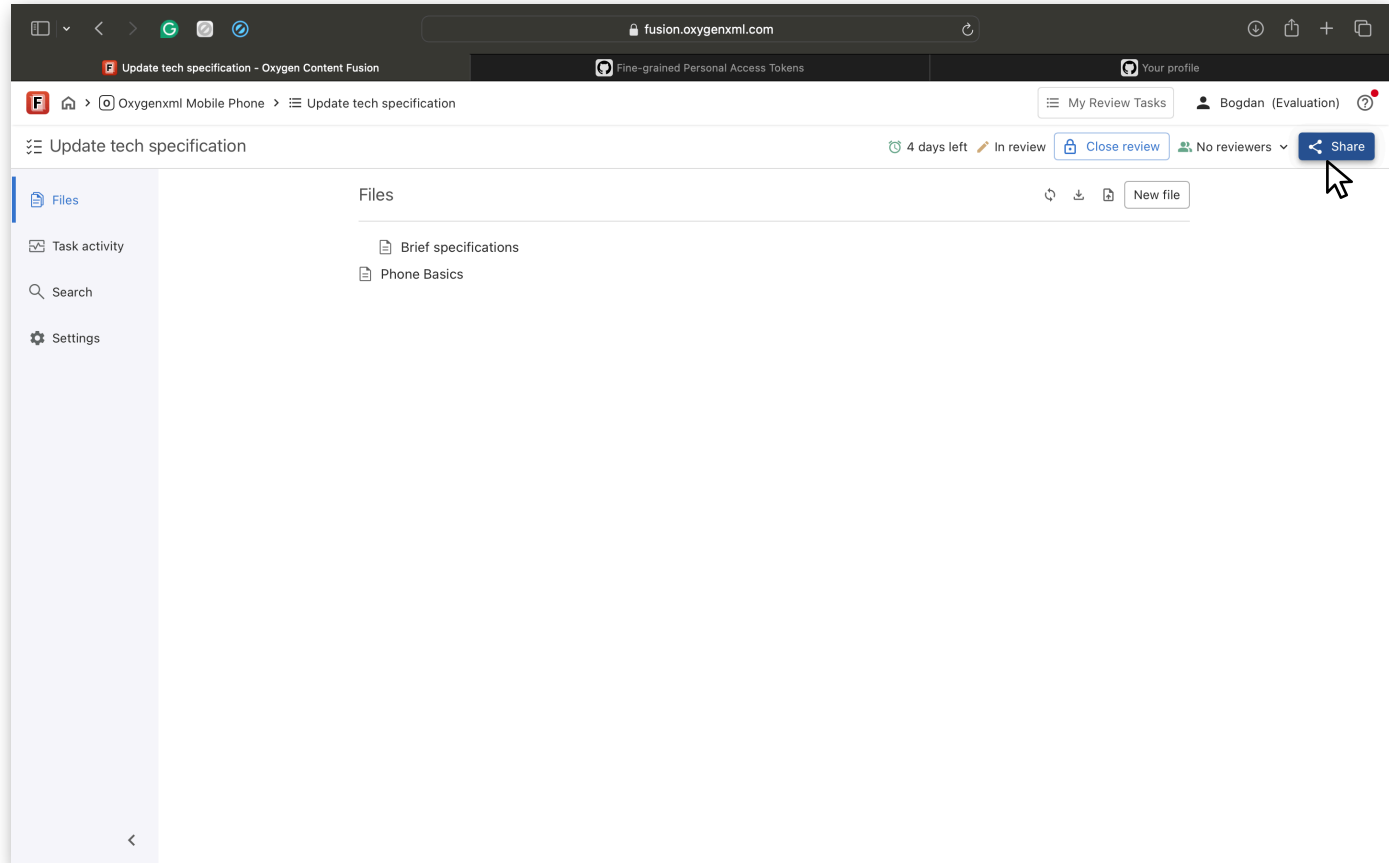
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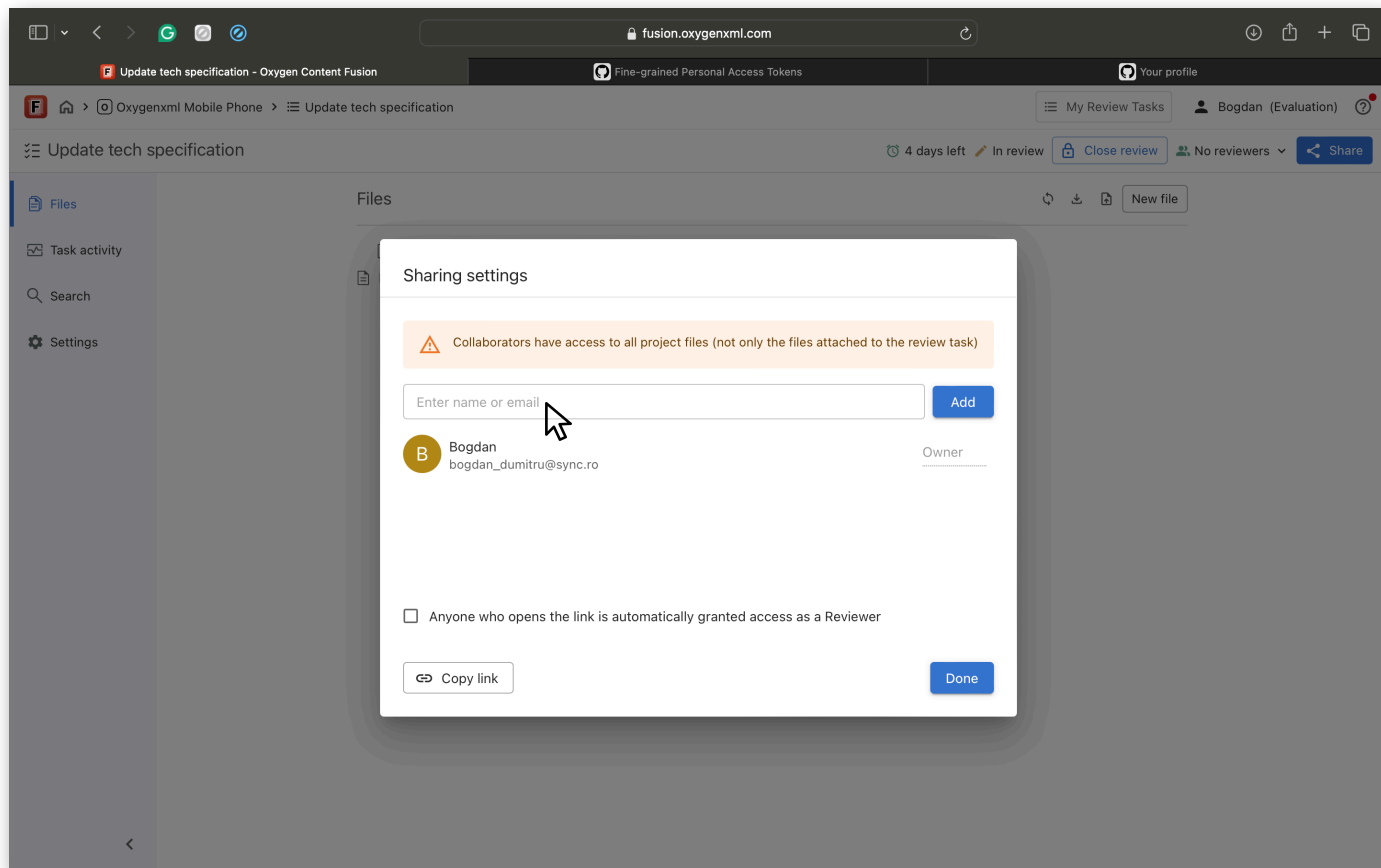
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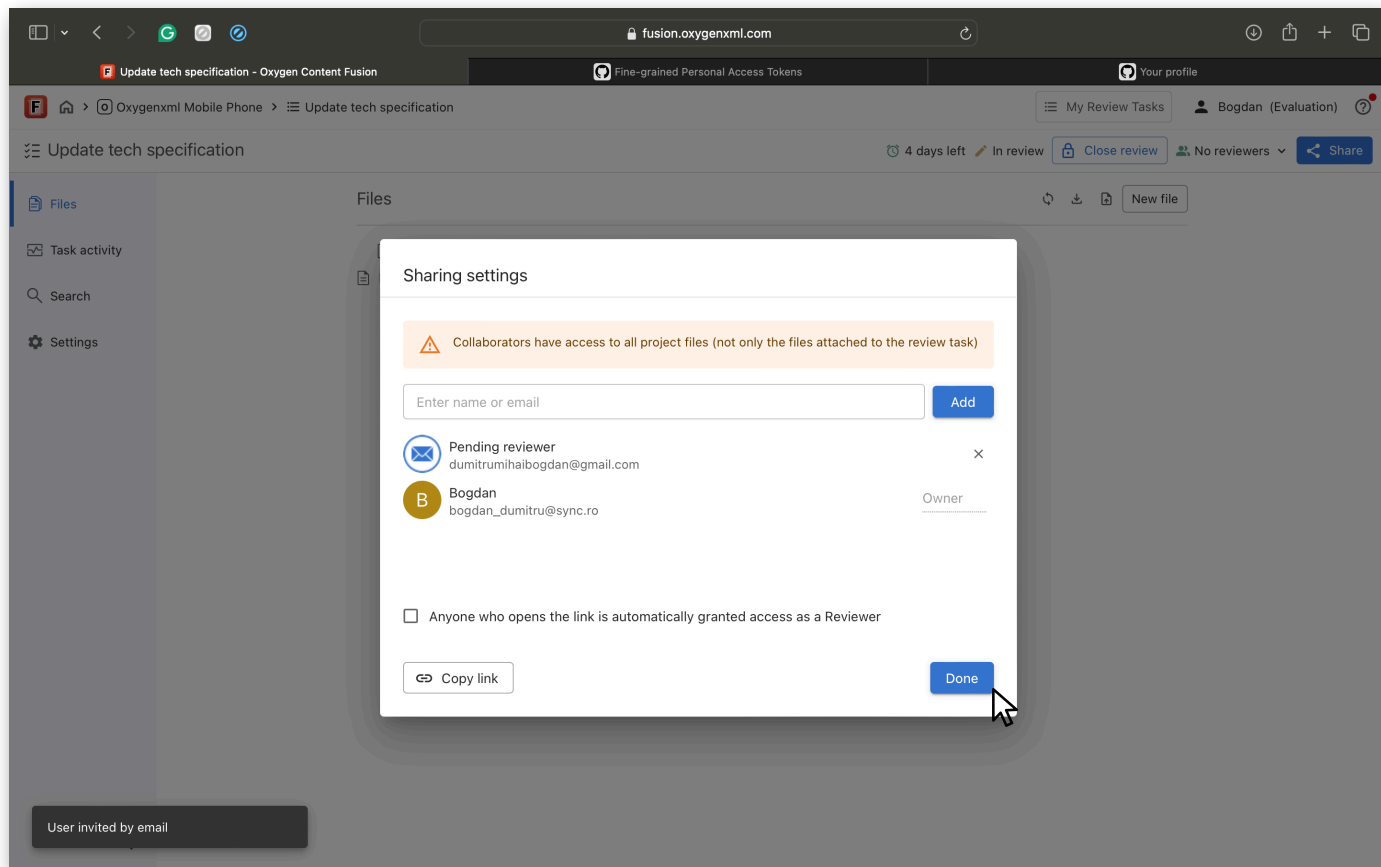
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User invited by email

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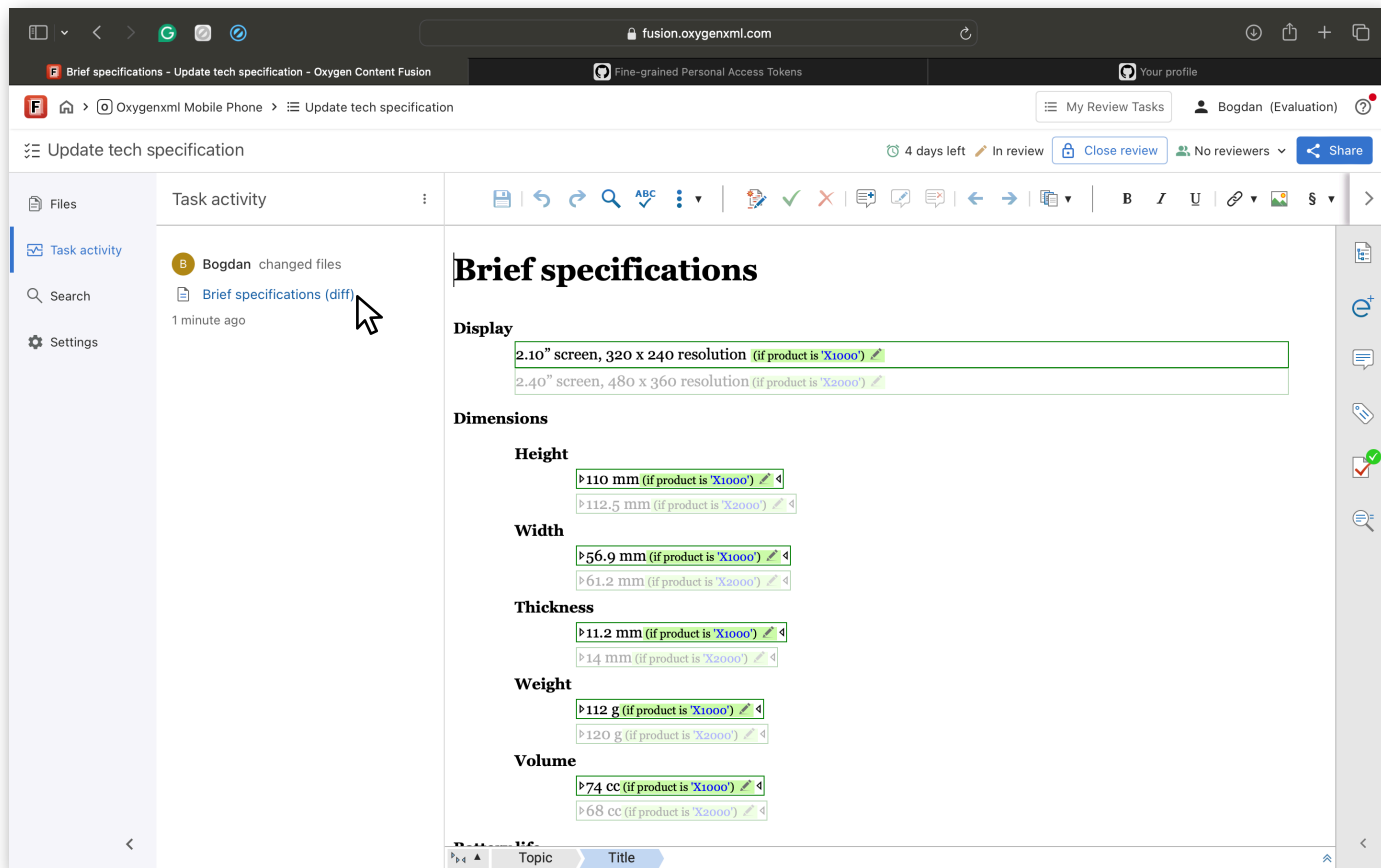
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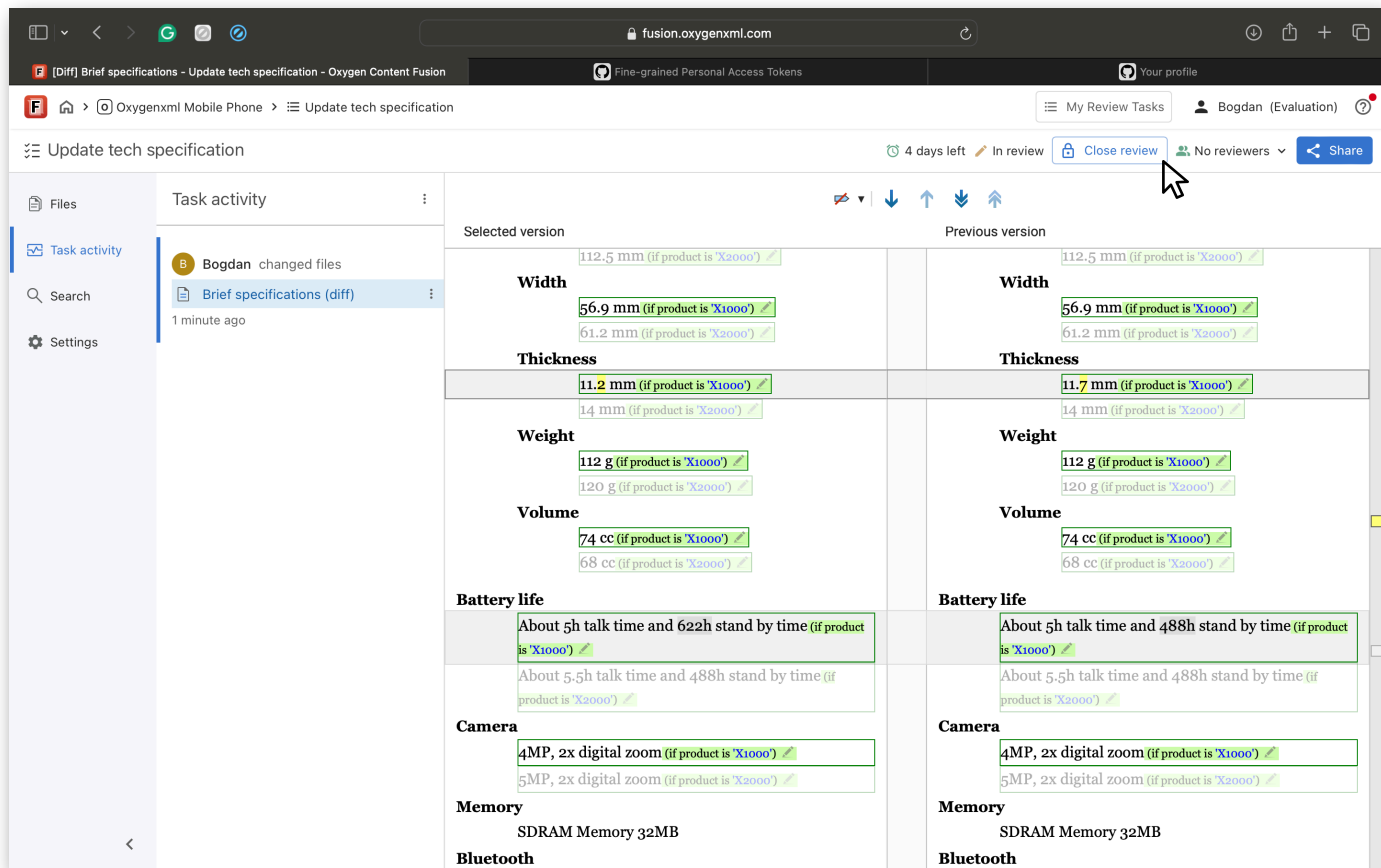
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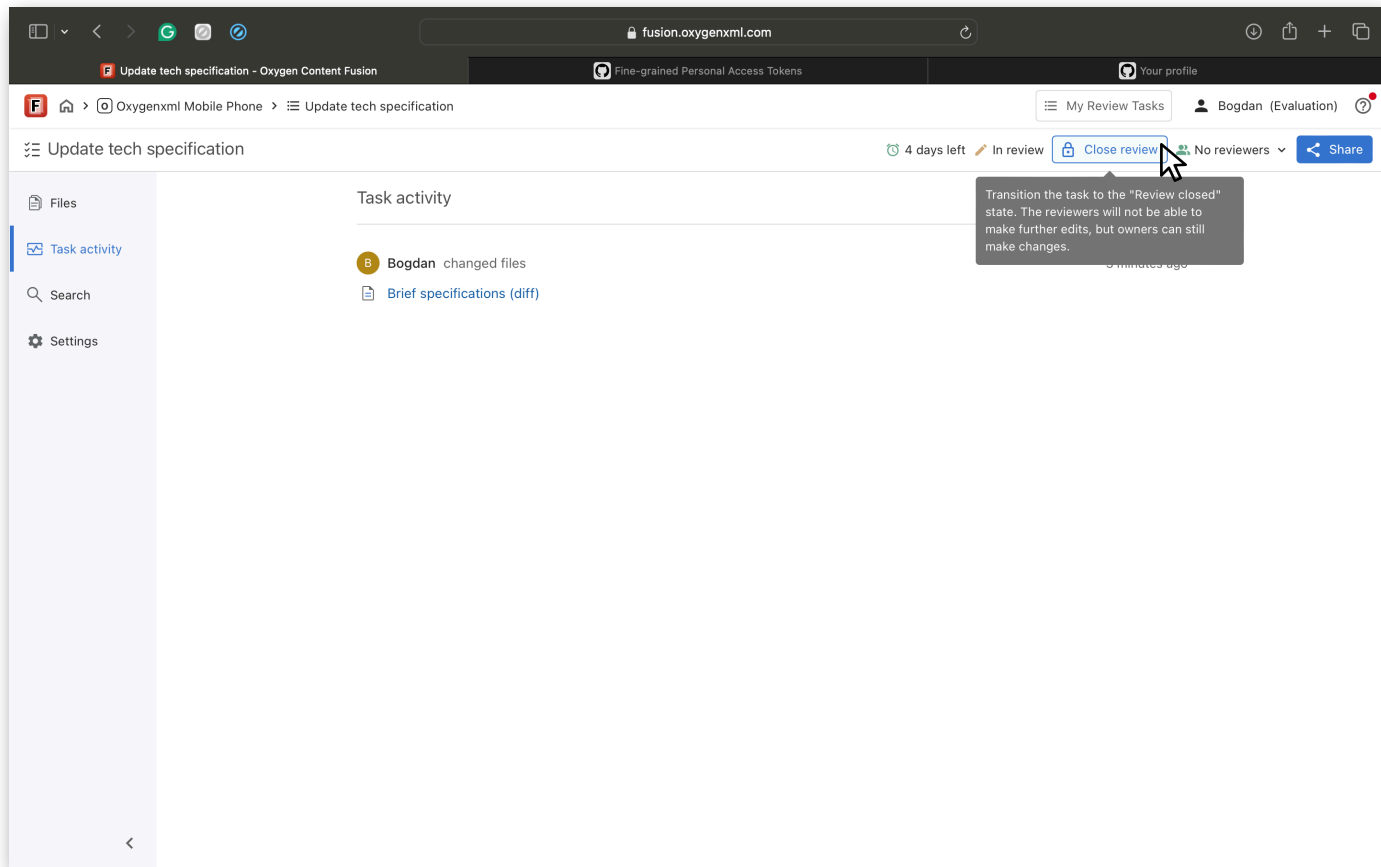
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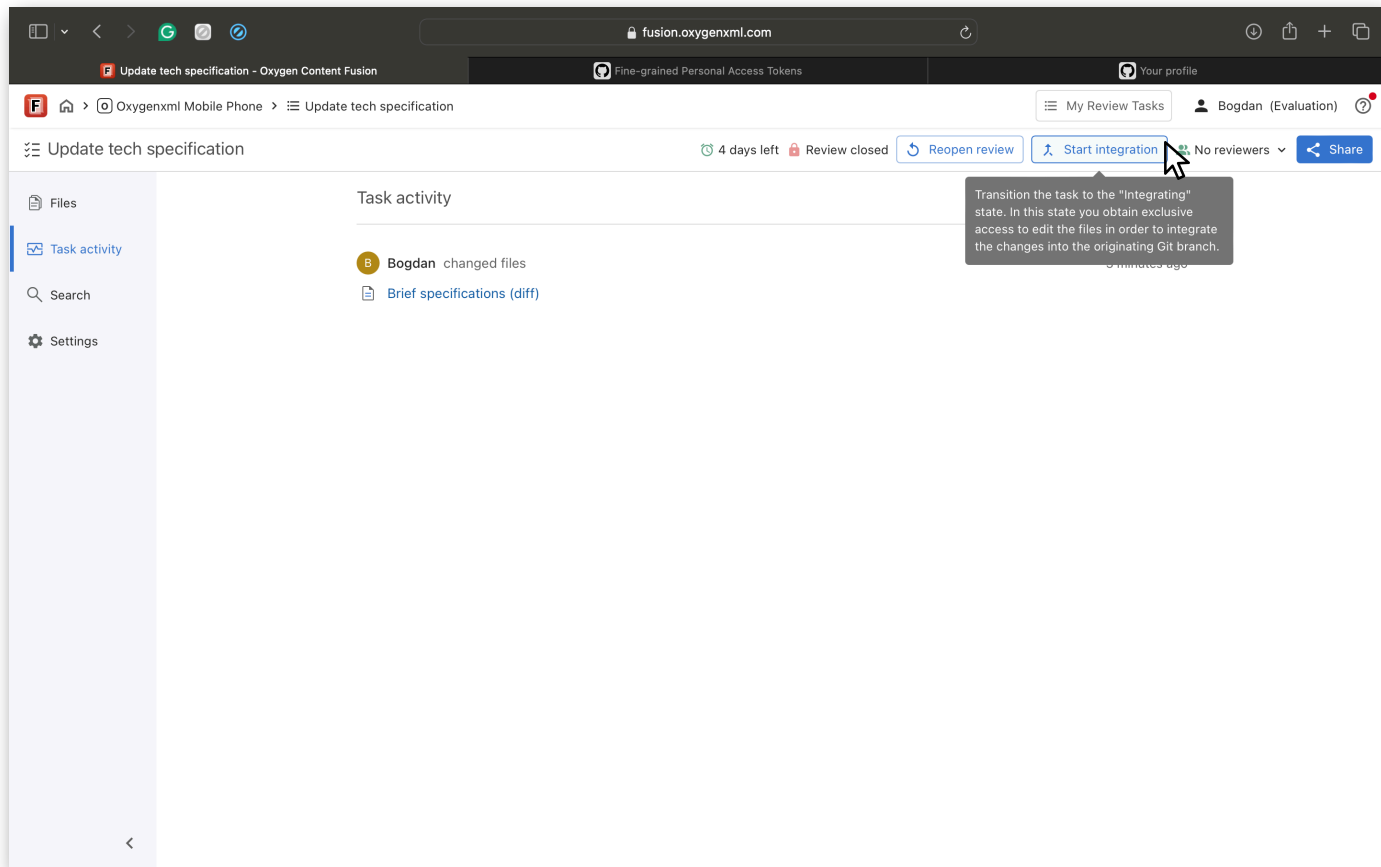
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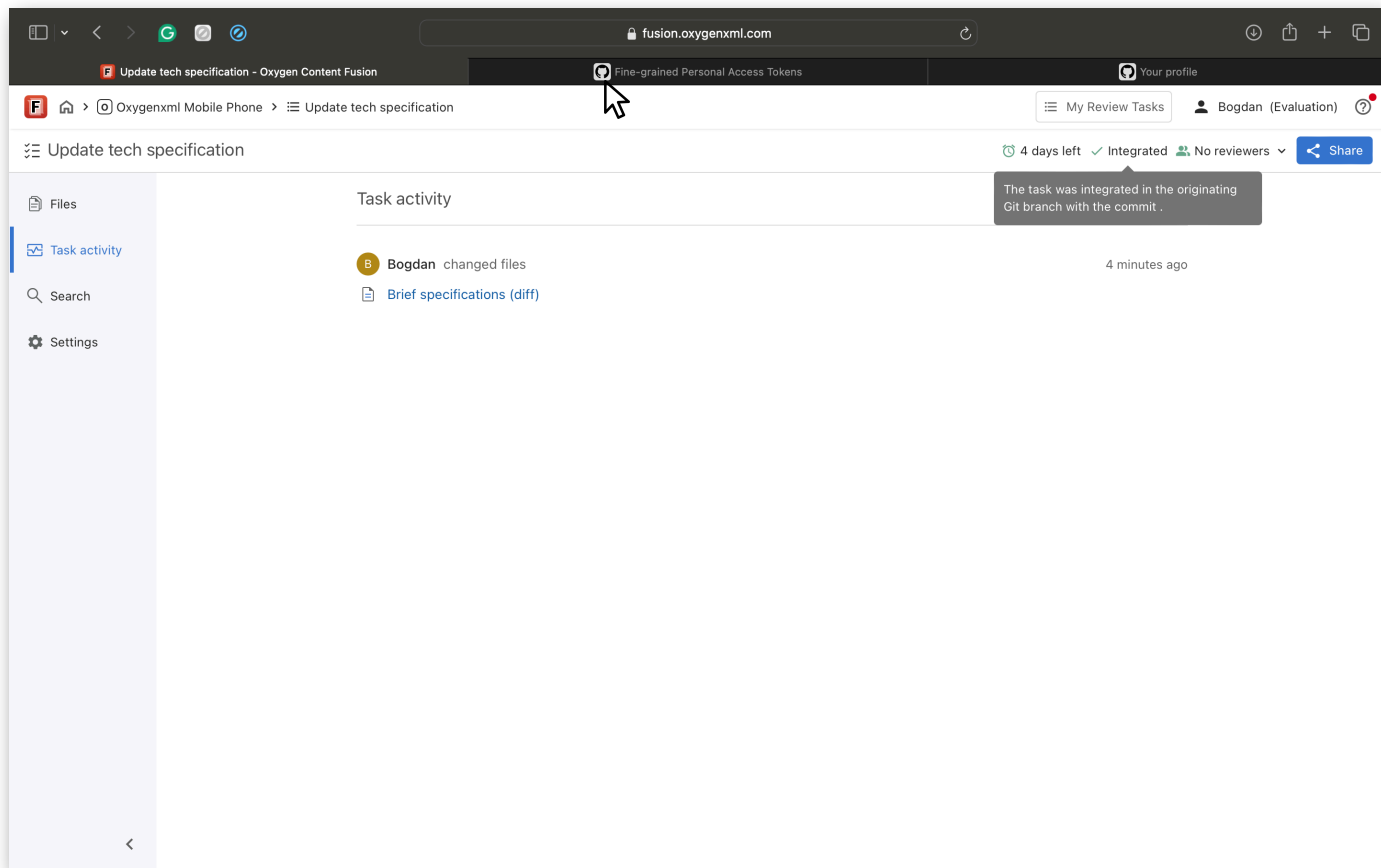
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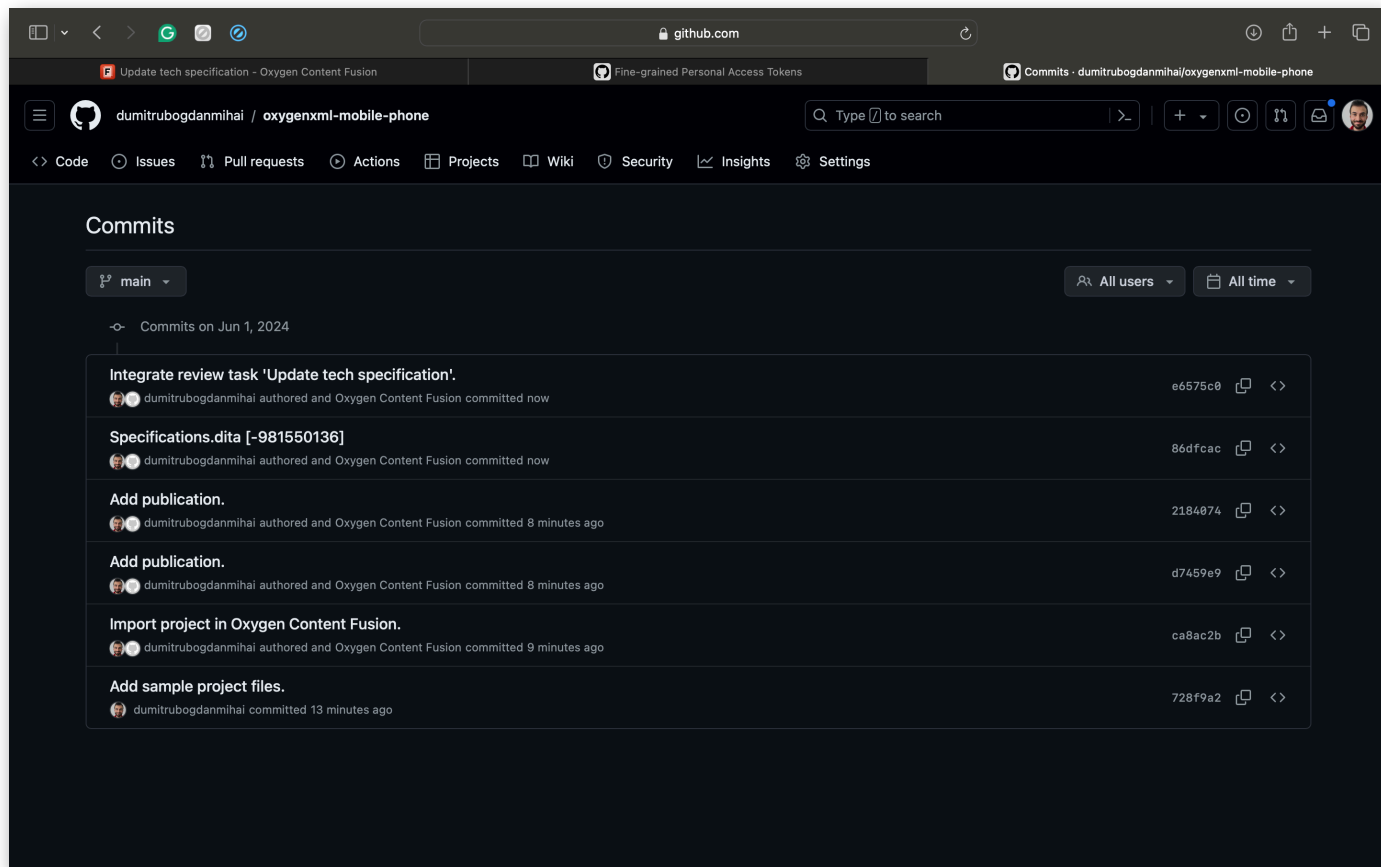
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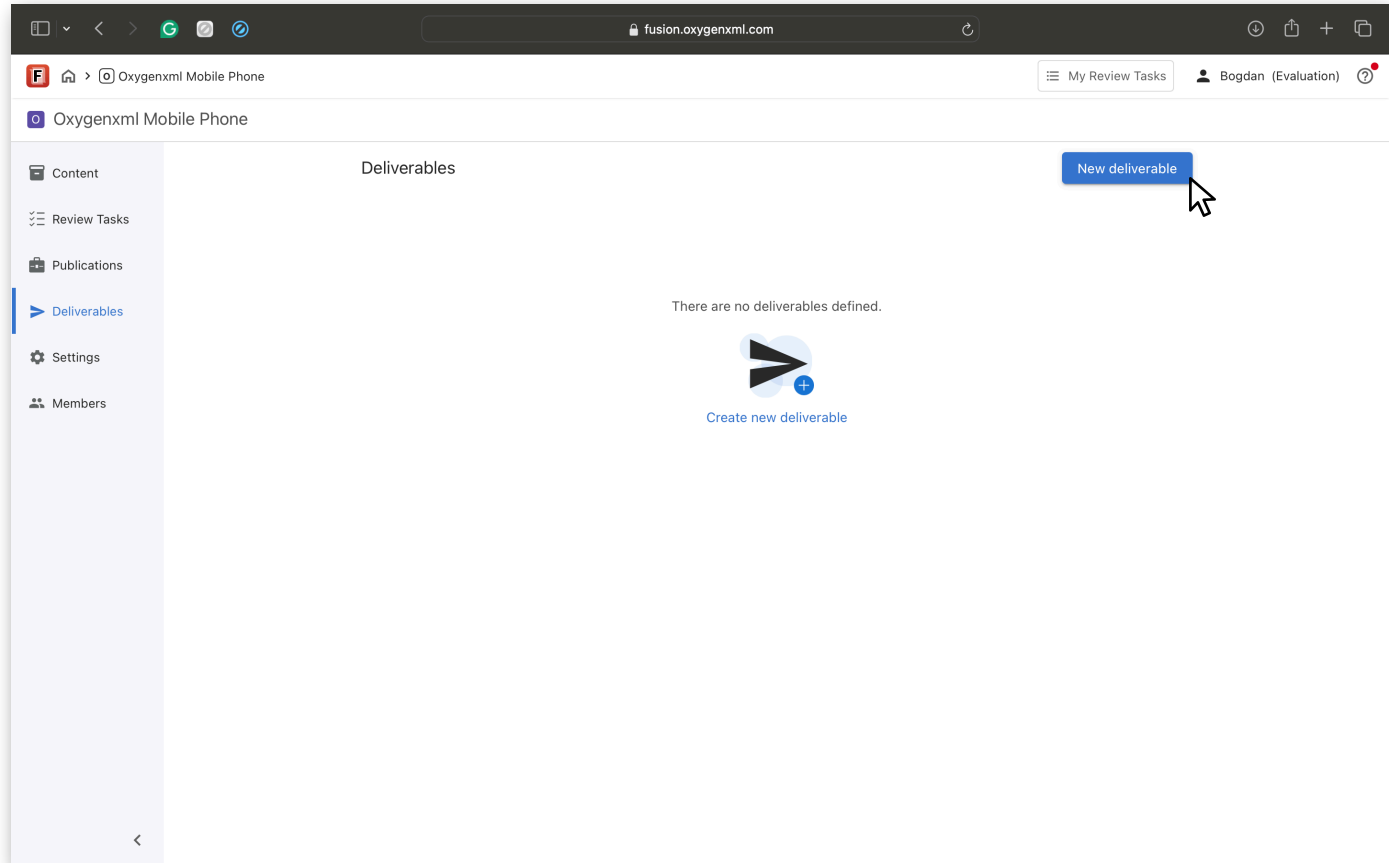
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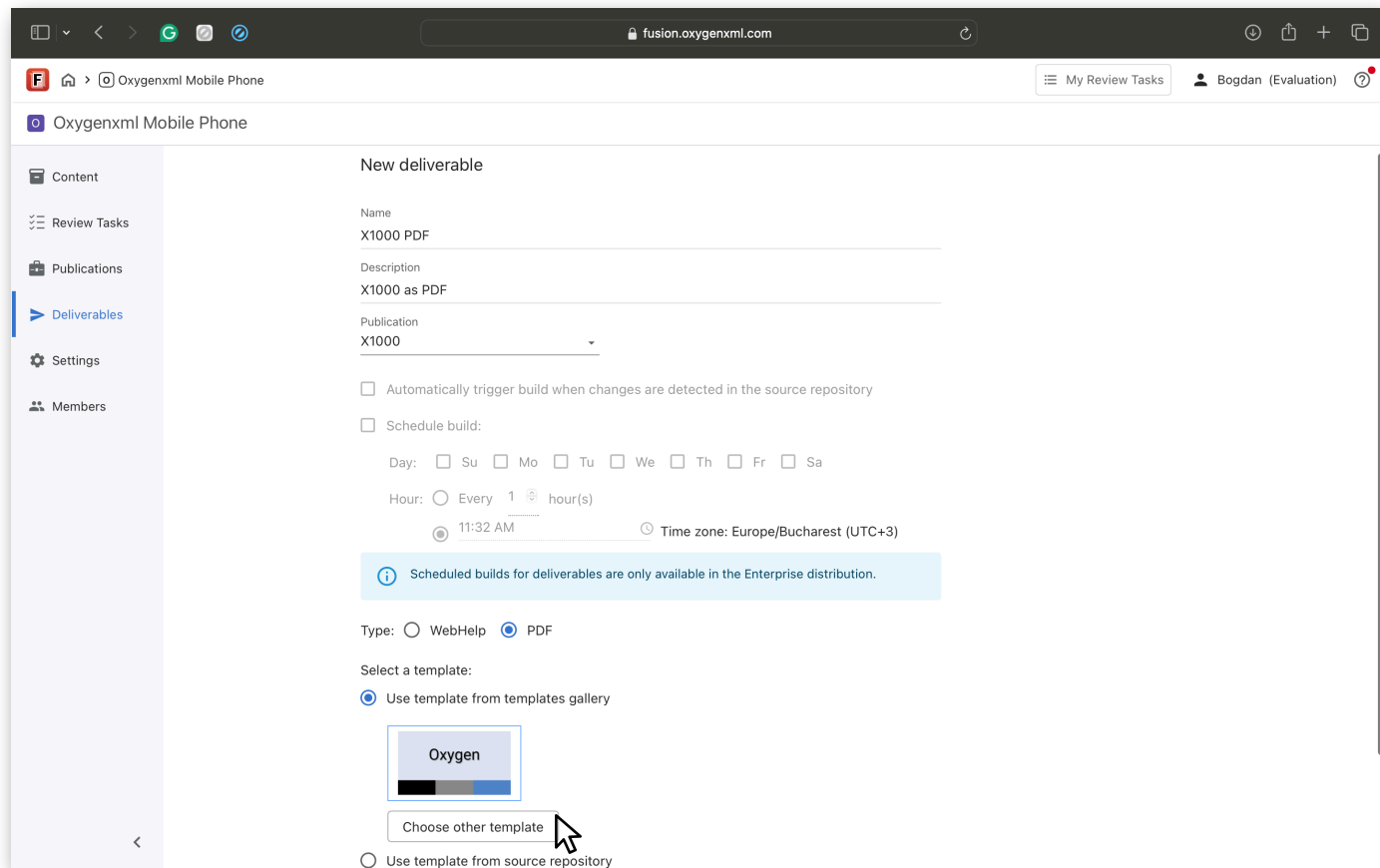
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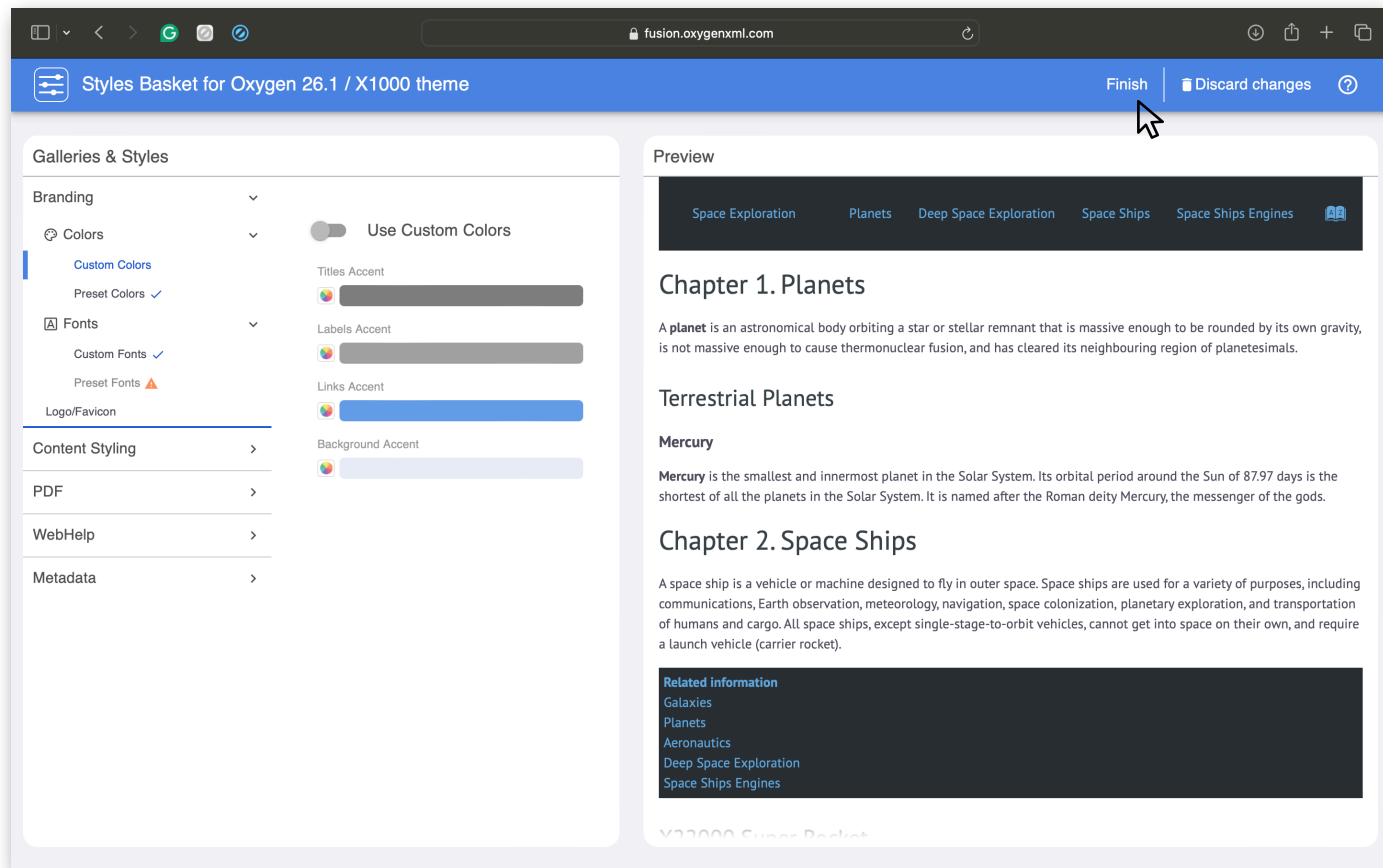
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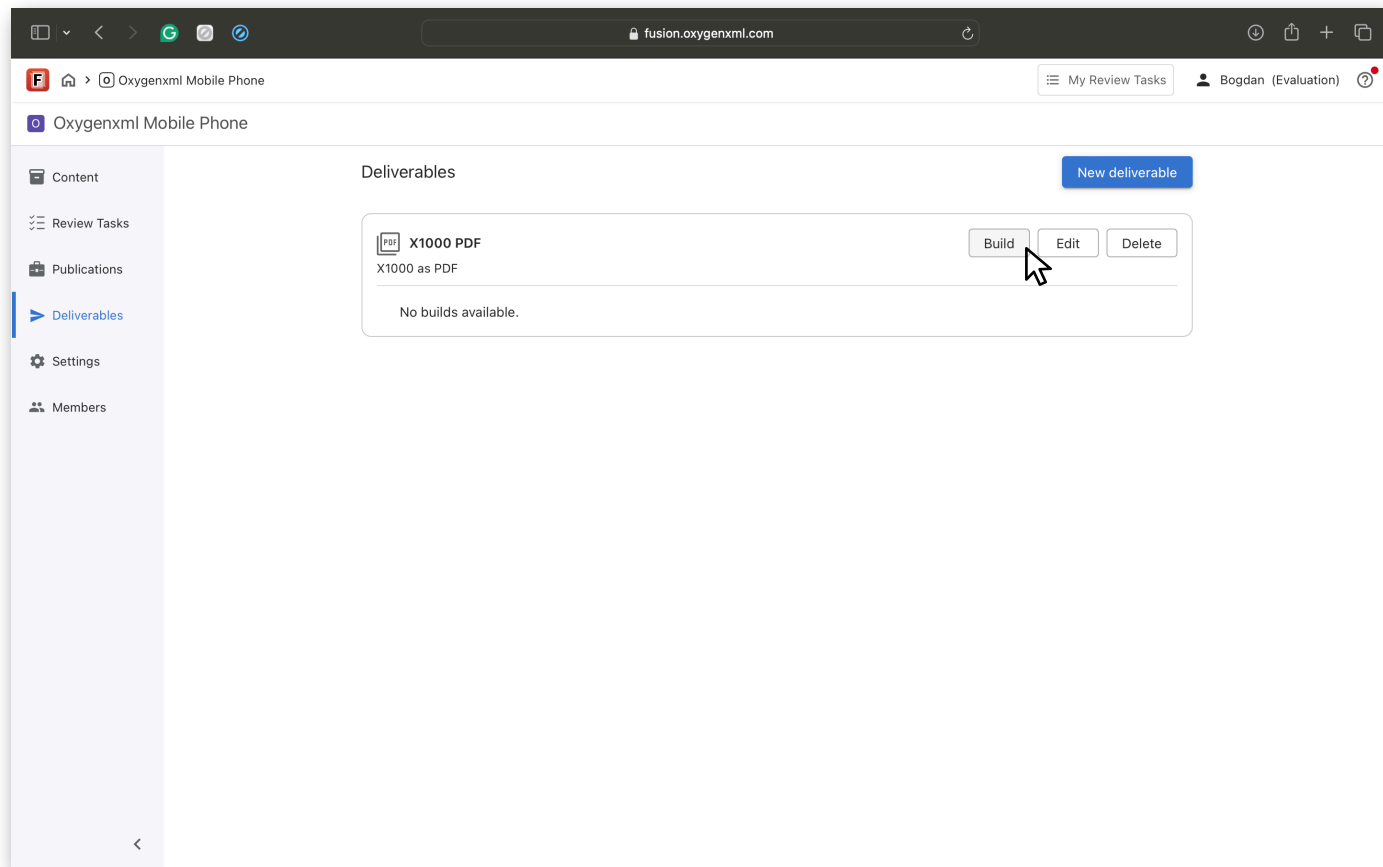
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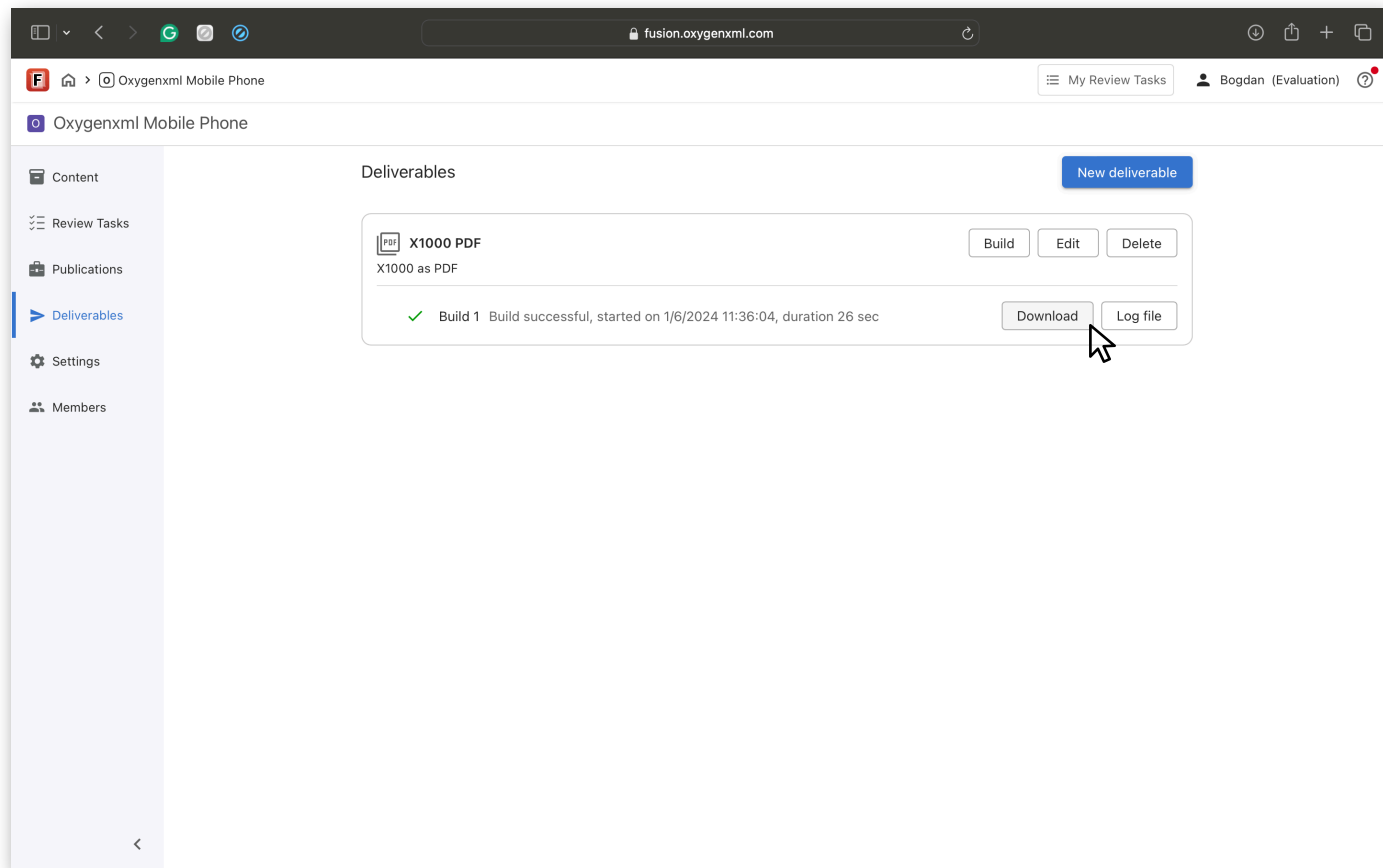
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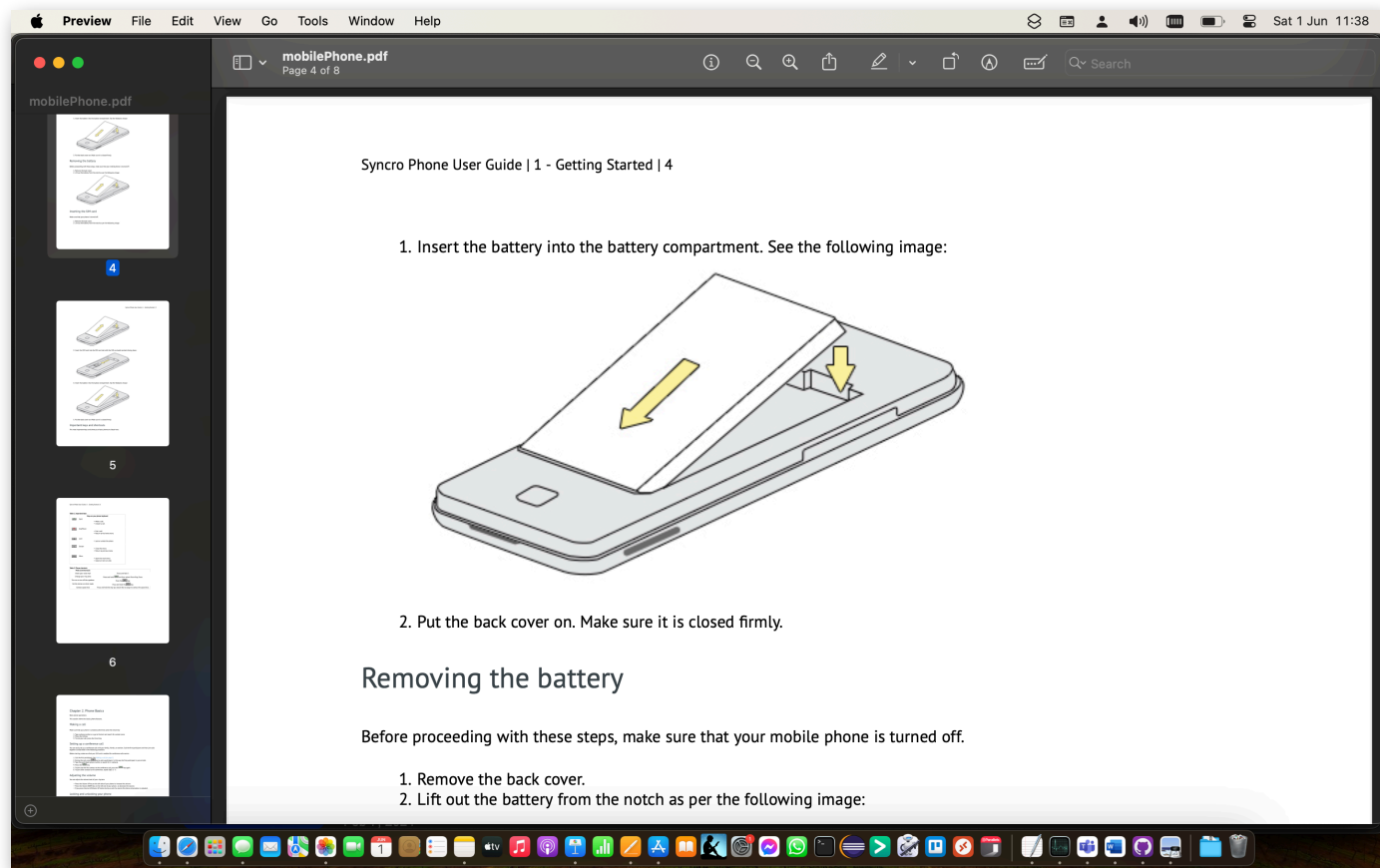
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Content Fusion Review Task (1)

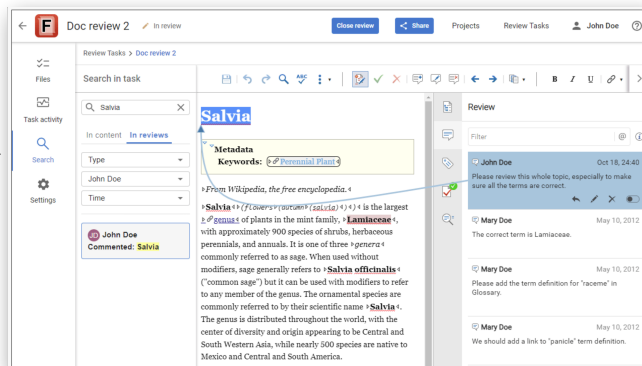
This is how the task looks in your browser:

The screenshot displays a web-based review interface for a document titled "Doc review 2". The interface is divided into several sections:

- Header:** Shows the document title "Doc review 2" and the reviewer's name "John Doe". Buttons for "Close review" and "Share" are visible.
- Left Sidebar:** Contains navigation options: "Files", "Task activity", "Search", and "Settings".
- Search and Filters:** A search bar contains "Salvia". Below it, filters for "In content" and "In reviews" are shown, along with dropdown menus for "Type", "John Doe", and "Time".
- Main Content Area:** Displays the document text. The word "Salvia" is highlighted in blue. A metadata box shows "Keywords: Perennial Plant". A comment from John Doe points to the highlighted word.
- Review Panel (Right):** Lists review comments:
 - John Doe (Oct 18, 24:40):** "Please review this whole topic, especially to make sure all the terms are correct."
 - Mary Doe (May 10, 2012):** "The correct term is Lamiaceae."
 - Mary Doe (May 10, 2012):** "Please add the term definition for 'raceme' in Glossary."
 - Mary Doe (May 10, 2012):** "We should add a link to 'panicle' term definition."

Content Fusion Review Task (2)

- Create from Project
- or upload from Oxygen XML Editor
- or even create a blank task

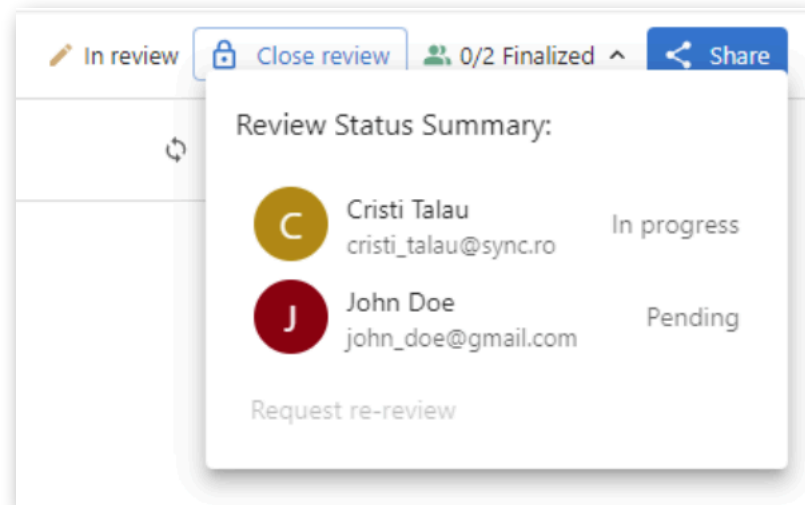


... collaborate ...

- Merge changes to the Project
- or merge to Oxygen XML Editor
- or even download

Review Tasks Status

- Review status for each reviewer:
- Pending -> in progress -> finalized



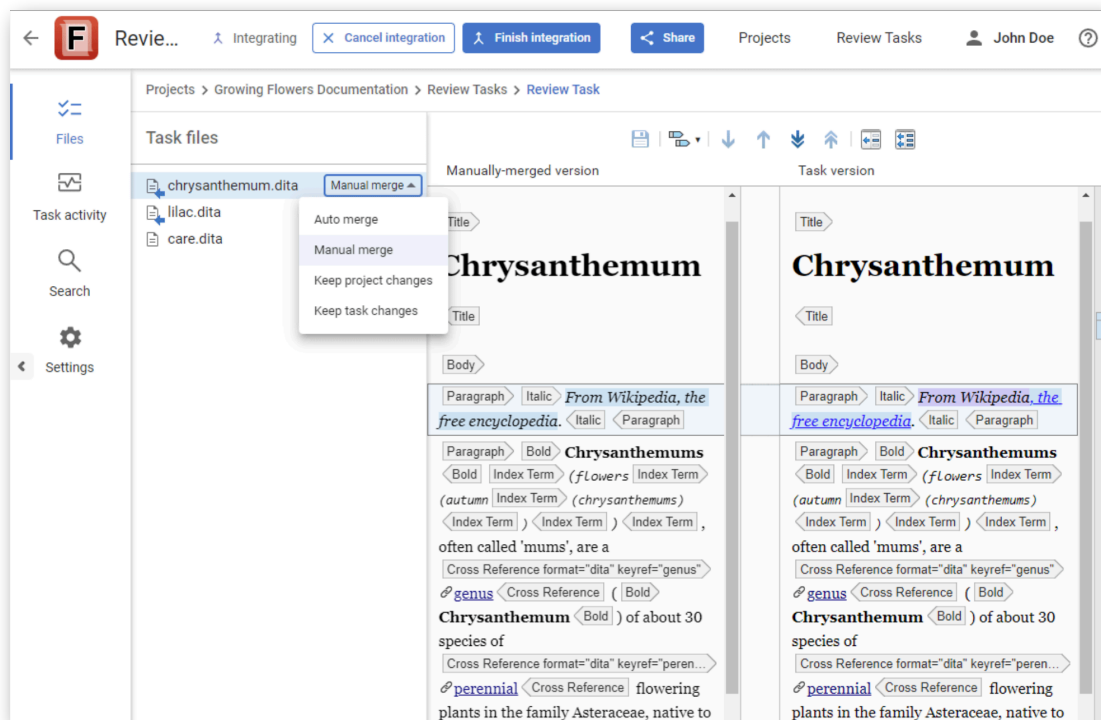
The screenshot shows a software interface for reviewing tasks. At the top, there are several buttons: 'In review' (with a pencil icon), 'Close review' (with a lock icon), '0/2 Finalized' (with a person icon and an upward arrow), and 'Share' (with a share icon). Below these buttons is a 'Review Status Summary' dialog box. This dialog box contains a list of reviewers with their names, email addresses, and current status. At the bottom of the dialog, there is a 'Request re-review' button.

Reviewer	Status
Cristi Talau cristi_talau@sync.ro	In progress
John Doe john_doe@gmail.com	Pending

Request re-review

Merging Review Tasks



- **Integrated Merge Tool**
- Full history preserved
- Each edit is traceable, each edit is an Git Commit.



Content Fusion User Roles

- 2 roles: Author & SME

Users status
2 of 3 **Author** licenses allocated to users
0 **SMEs** sharing 100 floating licenses

	John Doe john_doe@oxygenxml.com	Author ▼
	Mary Doe mary_doe@oxygenxml.com	Author ▲

After completing the configuration changes, you can access Content Fusion

Subject Matter Expert

Author

Content Fusion extensibility and customizability

- Customize editing experience with:
- plugins (based on Oxygen SDK)
- frameworks (CSS, validation, etc)

What about AI?

- Oxygen AI Positron Assistant is our AI solution
- You can install Oxygen AI Positron into Oxygen Content Fusion



Many features coming soon

- specialized DITA Map editor (a.k.a. DITA Maps Manager)
- edit projects directly
- publishing connectors
- project-level validation
- ...

Evaluate Content Fusion for free

A screenshot of a web browser displaying the Oxygen XML Editor Content Fusion landing page. The browser's address bar shows "oxygenxml.com/content_fusion.html". The page header includes the Oxygen XML Editor logo and navigation links for Products, Shop, Resources, Support, and Company. The main heading is "Content Fusion" with a sub-heading "The Web-based Collaboration Platform to Craft Tomorrow's Content". Below the heading is a navigation menu with links for Overview, What's New, Take a Tour, Evaluate for Free, Features, Downloads, Pricing, Documentation, Forum, and Videos. The main content area features an illustration of a person working at a computer, with a cloud containing a checklist and a pencil, and a speech bubble. A red arrow points from the "EVALUATE FOR FREE" button to the QR code on the right.

oxygenxml.com/content_fusion.html

oxygen XML Editor

Products Shop Resources Support Company

F Content Fusion

Overview What's New Take a Tour Evaluate for Free Features Downloads Pricing Documentation Forum Videos

The Web-based Collaboration Platform to Craft Tomorrow's Content

TAKE A TOUR

EVALUATE FOR FREE



THANK YOU!

Any questions?

Bogdan Dumitru

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support@oxygenxml.com