

What's New in Oxygen 27 - Overview and Panel Discussion

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Outline

- Retrieval Augmented Generation (project, feedback)
- Creating drafts (DocDraft, ExpandDraft)
- Documentation updates
 - image driven
 - DITA reuse
 - Alternate text
 - Quick refactoring
- Make AI do more, give it tools
 - Intelligent Agents with workspace access

1. (R)etrieval (A)ugmented (G)eneration

- Why?
- enable models to generate outputs based on specific external data.
- resulting in more accurate and context-aware responses.

1. RAG

- Based on Oxygen Project

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- Based on Oxygen Project
- **Based on Oxygen Feedback**

Stages in the Lifecycle of a documentation project

- **Early Stages of a Project**

- *Majority New Creation*: In the initial phases, a significant proportion of effort is focused on creating new documents. For example, onboarding guides, and user manuals are built from scratch.
- *70–90% new documents, 10–30% updates.*

- **Growth/Maintenance Phases**

- *More Updates than New Documents*: As the project matures, the focus shifts to maintaining, expanding, or refining existing documents to reflect changes in the software, address user feedback, and improve clarity.
- *20–40% new documents, 60–80% updates.*

2. Creating new documents – early stages help

- *Expand draft*
- *Generate Documentation Draft*
 - Structure + Semantics => greater precision

3. Doc updates workflows – growth stage help

- Image driven updates
 - *E.g. “An existing “Search” functionality received filters for search (e.g., by date, author, category)”*
- Help with DITA reuse
- Generate image alternate text
- Quick refactoring

4. Intelligent Agents

- Why not let the AI do more?
 - Create new topics for you using already created content
 - Analyze topics and make improvements



Intelligent Agents – the Tools

- `add_to_toc` - Modifies a DITA map and adds a specified topic reference to it.
- `find_similar_reusable_content` - Retrieves a list of reusable DITA XML components that match keywords provided by the AI.
- `get_content_for_document_url` - Retrieves the content of a certain document.
- `get_corresponding_dita_keyrefs` - Can be used to find if there are key definitions for corresponding values.
- `get_current_editor_file_location` - Retrieves the location (URL) of the current file that is open in the editor.
- `get_related_content_from_webhelp` - Accesses the search functionality provided by the Oxygen Feedback product when a connection to Oxygen Feedback is defined in the preferences page.
- `get_topic_context_in_toc` - Returns the hierarchical structure path that references the selected topic from the DITA map that is open in the DITA Maps Manager view, providing context such as its parent, siblings, and surrounding nodes within the DITA map. This is useful for understanding the topic's location in relation to other elements in the DITA map.
- `resolve_dita_key_or_content_reference` - Resolves a DITA XML key reference, content key reference, or content reference to the target content.
- `save_document` - Saves the document at the specified path within the project and writes content to it. If a resource already exists at the specified URL, the content of the document is overridden with the new content.

THANK YOU!

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