

EDITING DITA OPEN TOOLKIT PROJECT FILES

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DITA Project file

Defines all the contexts and deliverables for a DITA project

oxygen Framework for DITA-OT Project files

Editing and publishing support

Editing

- New file templates
- Content completion
- Visual editing – Author mode
- Validation

Content Completion

- Relax NG schema based, including documentation
- Lookup into the current document and included ones for context and publication references
- Lookup into plugins descriptor file for transformation types, parameter names and values

Visual editing (Author mode)

- Compact – for a quick view of the project content
- YAML (JSON) to view similar to the other possible formats for the project file
- Edit – for inline actions, form controls and hints to edit the project file

Validation

- Against the Relax NG schema
- Use Schematron
 - to check reference for context and publication
 - to check transformation type and parameter names and values
- Use Schematron Quick Fixes to suggest solutions

Publishing

- Publish DITA-OT Project (all deliverables)
- Publish DITA-OT Project (select deliverable)

Master files

- Support DITA-OT Project as master file
 - scope for search and refactoring operations
 - better DITA validation and completeness check

Context as a concept

- Group root map and filter as “context”
- Move from choosing the root map and filter to choosing the context

Final thoughts

- Supporting project files can be done easily, maybe just converting to existing configuration files
- Many interesting ideas are possible now considering the DITA-OT Project file
 - Better authoring and refactoring support
 - Better project level validation
 - Allows to analyze the impact of changes

Thank you!

Questions?

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