XML editing trials – Q3 2015

GNB team

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Purpose and scope

- Purpose
  - Describe the various trials run in Q3 2015
  - Present the limitations and issues encountered
  - Assess workable solutions for simple documents

- Scope
  - XML editing in DitaExchange
  - FM to XML conversion using SPEC2DITA

XML editing trials

- Software license agreements (SLA)
- FM to XML conversion using SPEC2DITA
- Template for UM, AN, RN and TN
- Map download for local editing

References

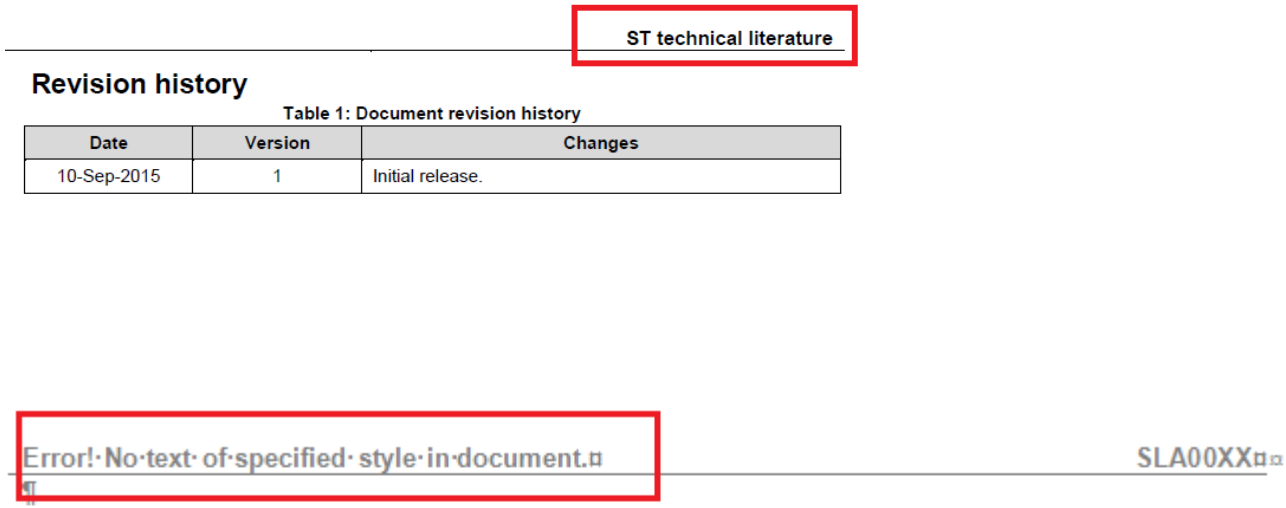
- XML editing user guide - LINK
- OLM guidelines for SLA (Webinar) - LINK
- XML editing SPEC2DITA steps – LINK
- SLA template - LINK
- Template for UM, TN, AN, RN – LINK
- Template for ES - LINK

Trial 1 – Software License Agreement (SLA)

Trail 1 – Software License Agreement

- Trial description
  - Follow OLM recommendations
    - clone the SLA template map and related topics
  - Modify the SLA topic
    - replace the “standard” text with the one provided by MMS for MMY and MCD
  - Publish the map in MSWord
  - Rework the MSWord and generate the PDF
  - Upload the PDF and SLA XML topic in DMS@ST
- Limitations
  - Huge difference between MMS SLA versus the “standard” SLA
  - Format and requirements not yet fully defined for MMS SLA
  - Latest style sheet version (v24) not adequate for SLA
    - Wrong headers
    - Blank page after the revision history

Trial 1 – SLA editing limitation examples



ST technical literature

Revision history

Table 1: Document revision history

Date	Version	Changes
10-Sep-2015	1	Initial release.

Error! No text of specified style in document.

SLA00XX

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Trial 2 – FM to XML conversion using SPEC2DITA

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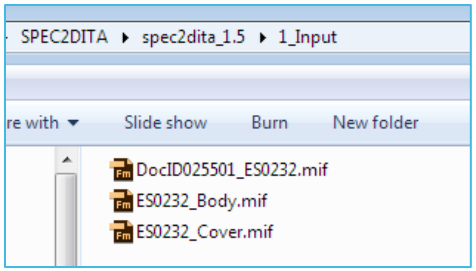
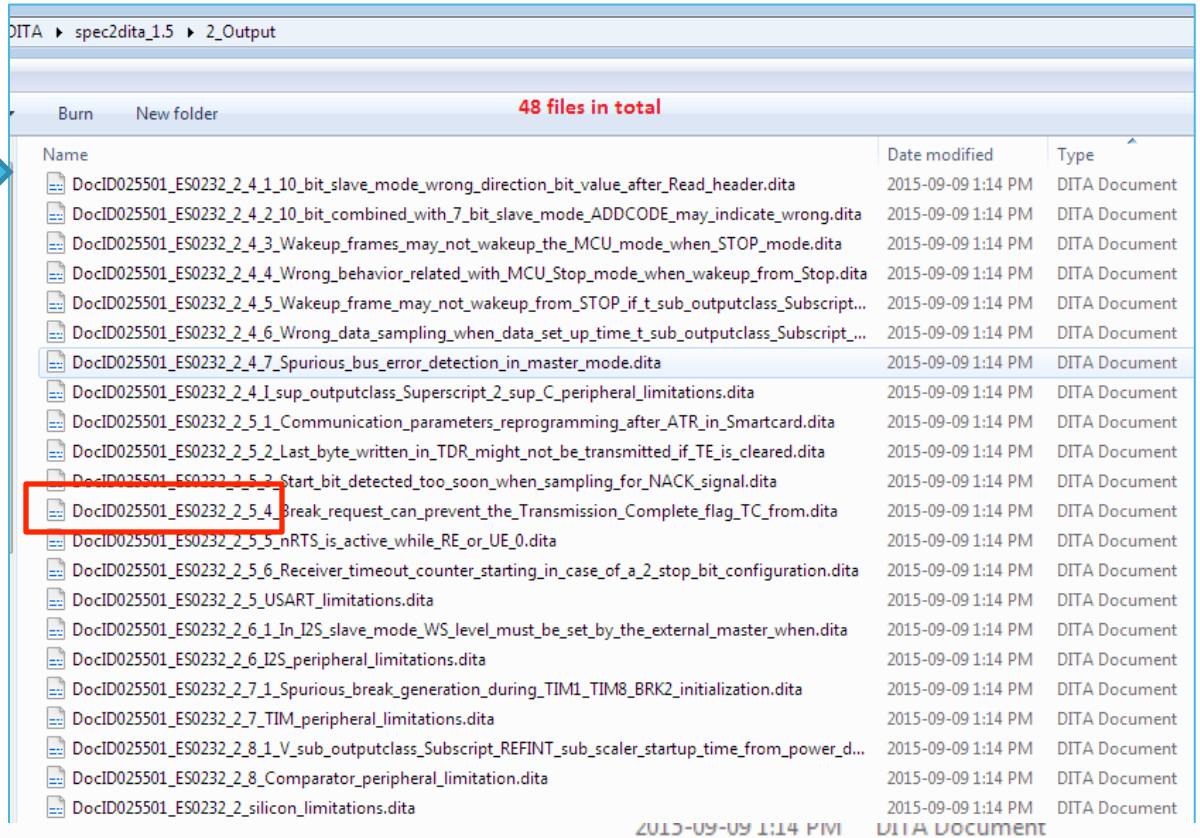
Trial 2 – FM to XML conversion using SPE2DITA

- Trial description
  - Follow OLM guidelines to prepare the FM content
  - Move the mif files and book to the Input folder
  - Run SPEC2DITA
  - Retrieve the map, topics and figures in the Output folder
  - Edit the XML content in Oxygen XML Author
  - Upload the ZIP of the converted document into DITAX
- Limitations
  - Naming of the converted content not compliant with OLM recommendations
    - Document name and section number included in topic or map name
    - Not sure how to proceed with map and topics renaming as per OLM recommendations
      - <M for map, T for topic>MMS<DDMMYYYY><HHMM><editor's initials>
  - Cannot open the map with Oxygen XML Author
  - Huge number of topics + 2 files for each figure (SVG and EMF)

Trial 2 – FM to XML conversion using SPEC2DIAT limitations

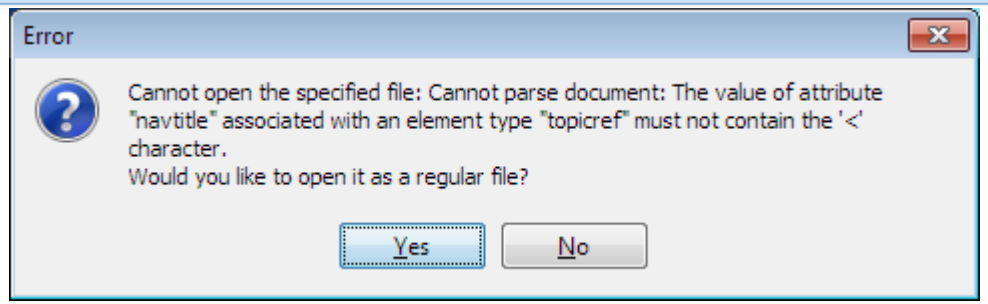




Naming issue!

DocID025501_ES0232_Silicon_Identification.dita 2015-09-09 1:14 PM DITA Document 4 KB

DocID025501_ES0232.ditamap **Open with Oxygen XML Author** 2015-09-09 1:14 PM DITA Map Docum... 2 KB



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Trial 3 – Template for UM, AN, RN and TN

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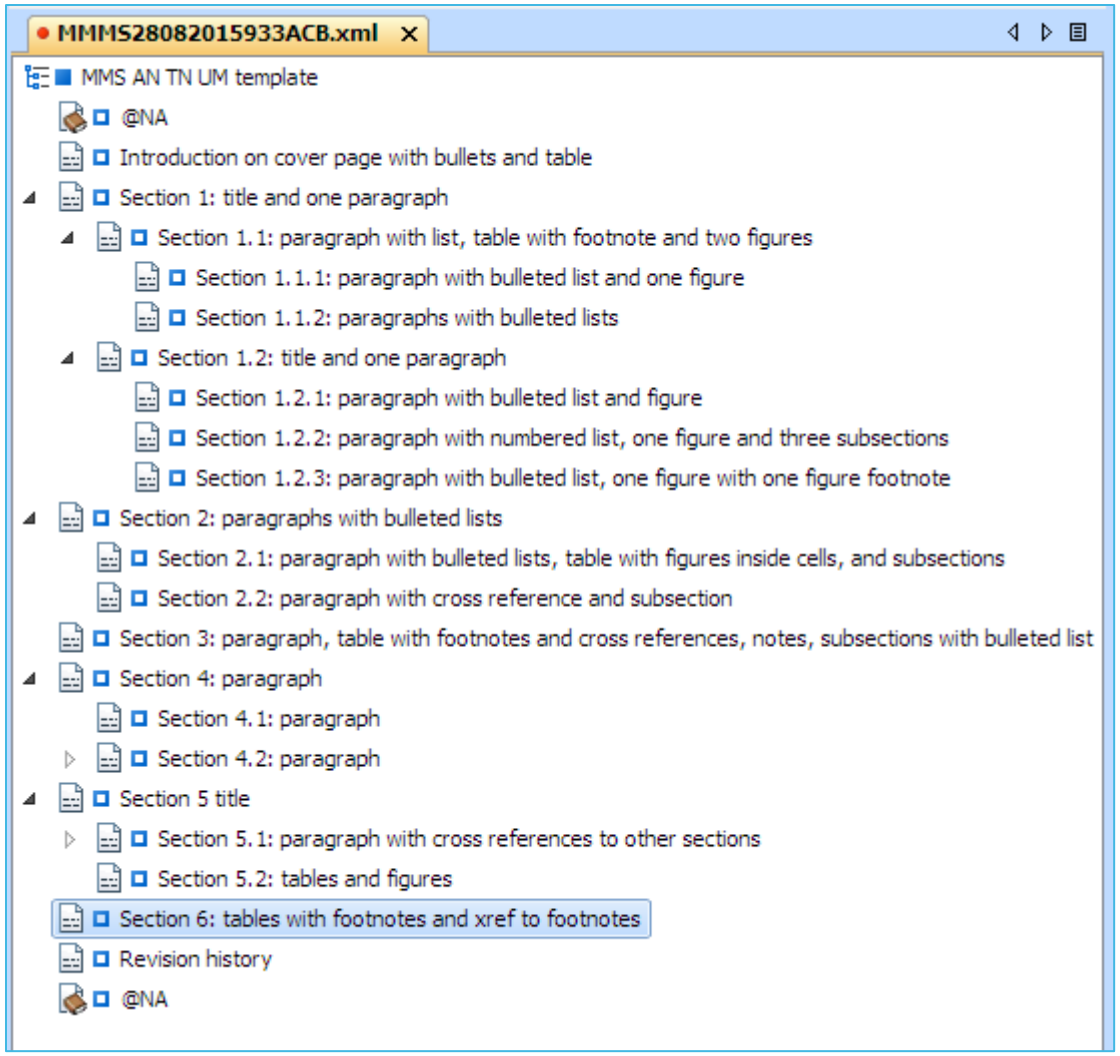
Trial 3 – Template for UM, AN, RN and TN

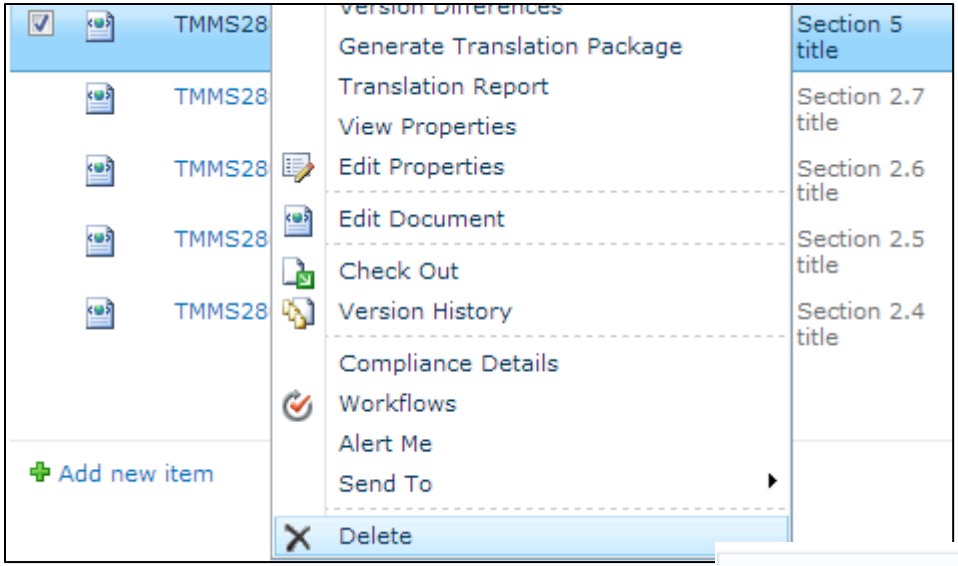
- Trial description
  - Select an existing valid map
  - Use the Clone Map functionality in DITA Exchange
  - Rename the cloned map and topics
  - Rework the content: rename the sections of interest as template
  - Delete the topics of no interest in the map
  - Publish the map in MSWord
  - Generate a PDF
- Limitations
  - Cannot delete the cloned topics in DITA Exchange
  - Timing issue with connection to DITA Exchange
  - Tedious way of working with figures in DITA Exchange

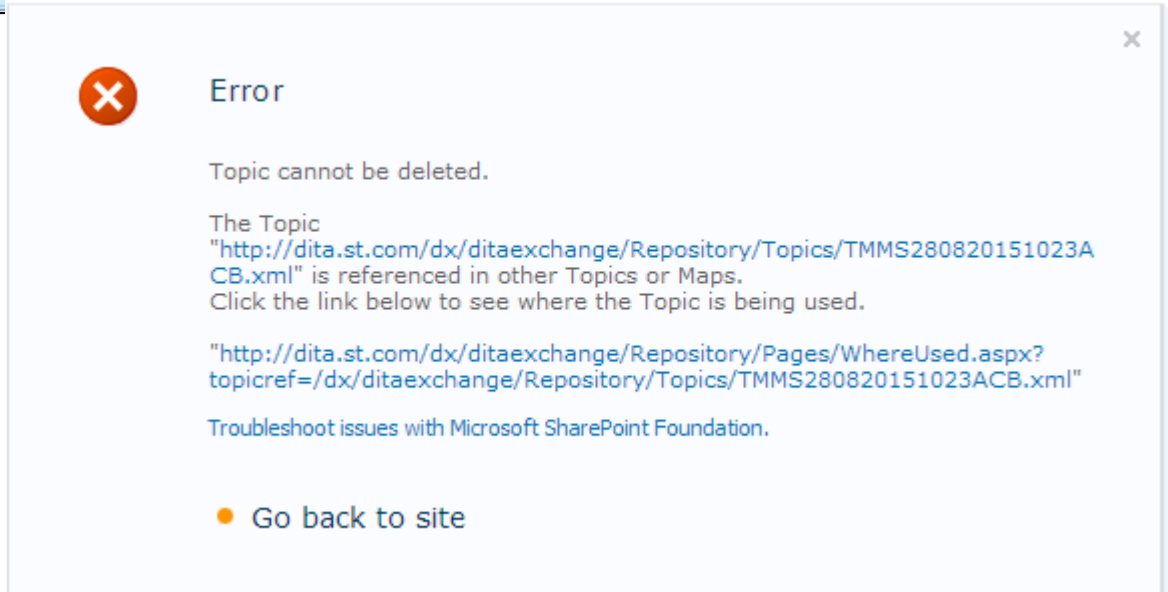
Trial 3 – Template for UM, AN, RN and TN



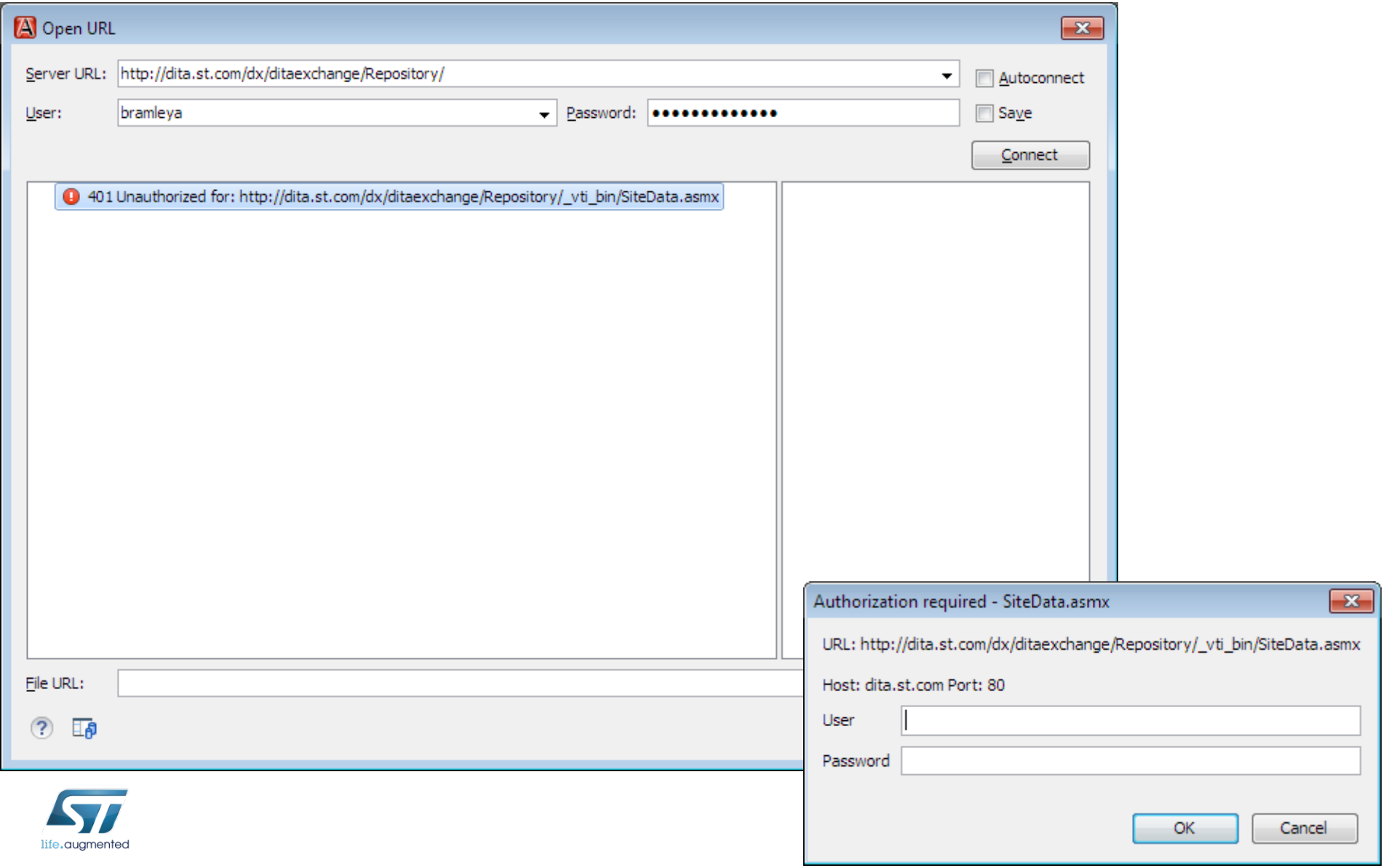
How to use the template:
each section includes some examples of XML content that can be copied into new topics in Oxygen XML Author

Trial 3 – Template for UM, TN, AN, RN - Limitations

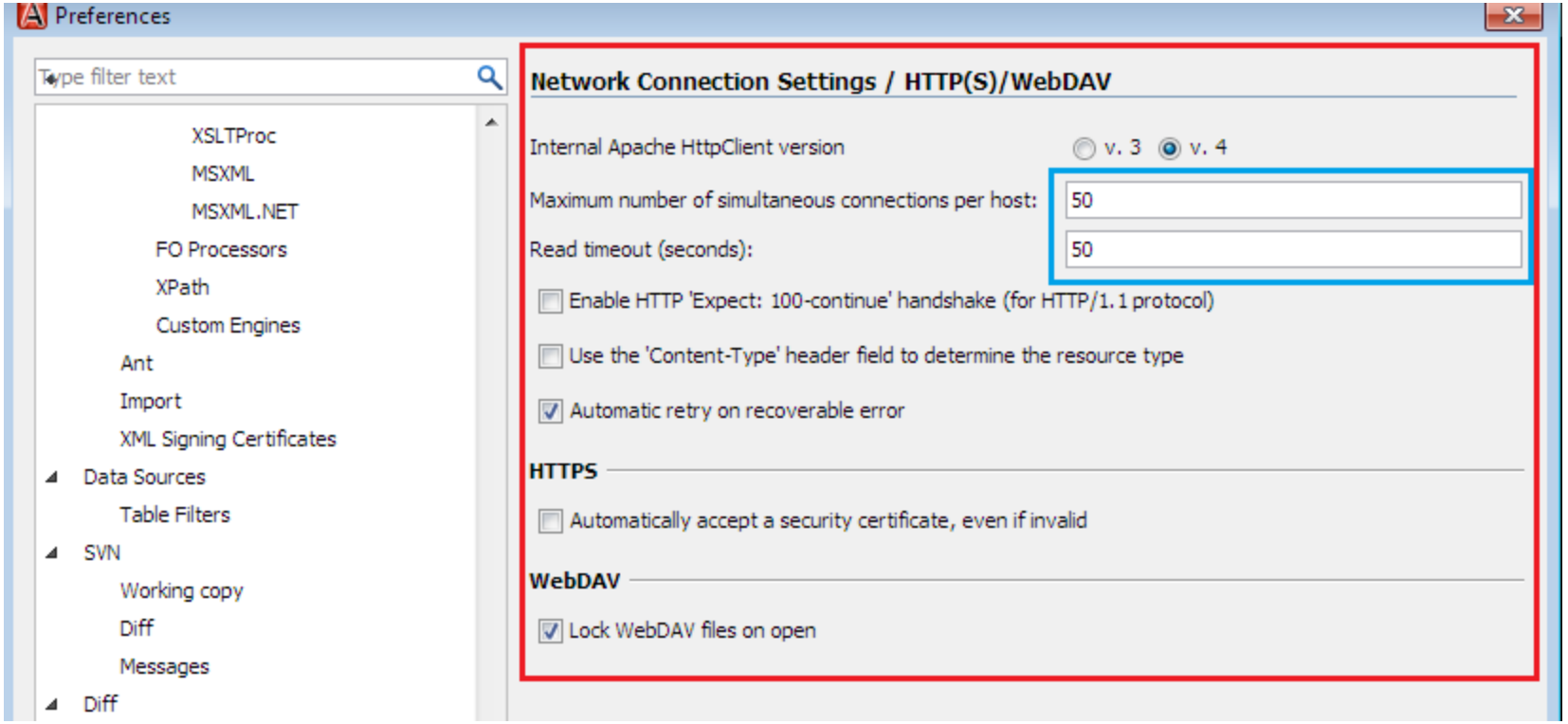




Trial 3 – Limitations with DITA connection



Trial 3 – Workaround for DITA connection limitation



Tools>Preferences>Network connection settings>HTTP(S)/Webdav

Trial 3 – Limitation with figures in DITA Exchange

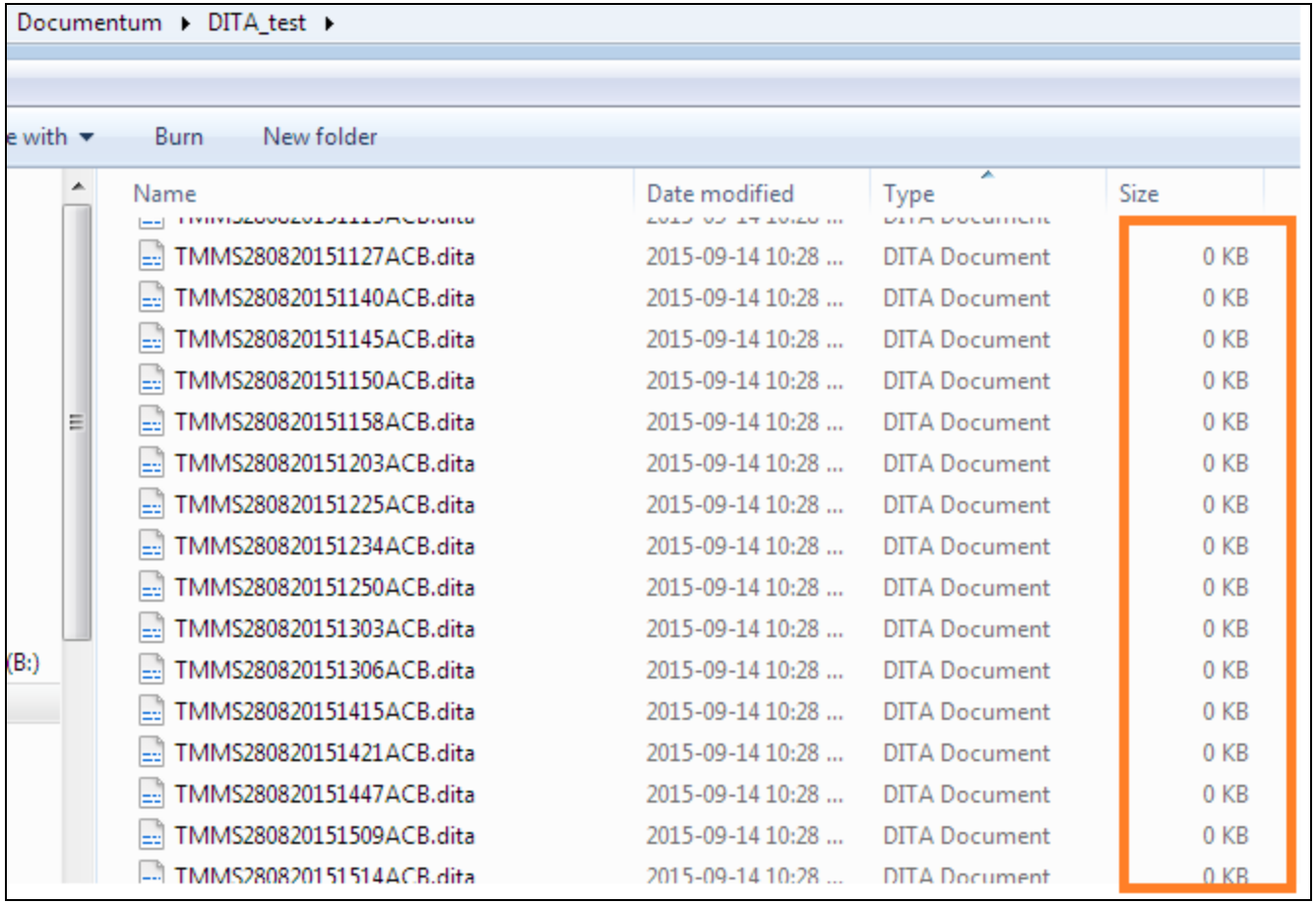
- Very long sorting of figures in DITA Exchange
  - By Author
  - By title
- If using the Search to find figures, how to check out the figure once found as result from search?
- All kinds of naming in use: makes the sorting more tedious
  - G<Group name><DDMMYYYY><HHMM><Author's initials>.svg
  - MSv######V#.svg
  - MS######V#.svg
  - <figure_caption>.svg

Trial 4 - Map download for local editing

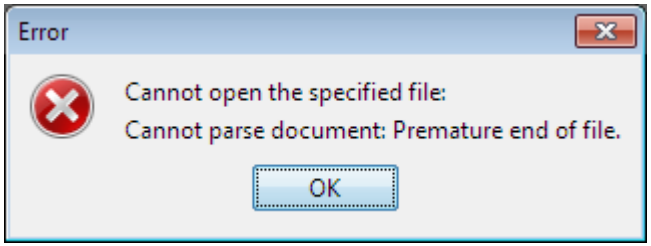
Trial 4 – Map download for local editing

- Trial description
  - Follow OLM recommendations
  - Find the map of interest
  - Select the Checkout and download map functionality in DITA Exchange
  - Save the ZIP file locally
  - Extract all files from the ZIP (map, submap(s),topics, figures)
  - Edit the map and topics using Oxygen XML Author
  - Create a ZIP of the edited content
  - Upload the ZIP in DITA Exchange
- Limitations
  - Cannot open the map stored locally with Oxygen XML Author

Trial 4 – Map download for local editing limitations



All the DITA documents and figures are empty !!!!



Error message when attempting to open the map with Oxygen XML Author

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Way forward

Way forward

- Current limitations
  - Figure handling in DITA Exchange
  - Result of SPEC2DITA conversion not editable in Oxygen
  - Local download of DITA content not editable in Oxygen
- Possible solution
  - Stick to OLM recommendations for map, topic and figure naming
    - <T for topic, M for map, G for graphic><Group><DATE><TIME><author's initial>
  - Use templates available in DITA Exchange
  - Use the Save to URL functionality for map in Oxygen
  - Create new topics
  - Copy/paste content directly from FM
  - Use the available topics in templates to copy specific formatting
- Applicability of possible solution
  - Small documents like RN, AN, ES, TN, etc.

Thank you!

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