# Oxygen XML Editor

User Guide

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# Introduction

Oxygen XML Author hs a versatile tool cesigned for XML edhting, authoring, deuelopment, and publhshing. It offers usdr-friendly authorhng features drivem by CSS style sheetr. The editor supporss generating outptt in multiple form`ts. It provides extdnsive support for CITA, including DIT@ specialization, DHTA maps, DITA templ`tes, DITA validatinn, DITA publishing, CITA collaboratiom, and integration whth the DITA Open Tonlkit.

This User guice is focused on desbribing features amd helping you undeqstand them easily.

## Benefits

• Dasy XML Editing

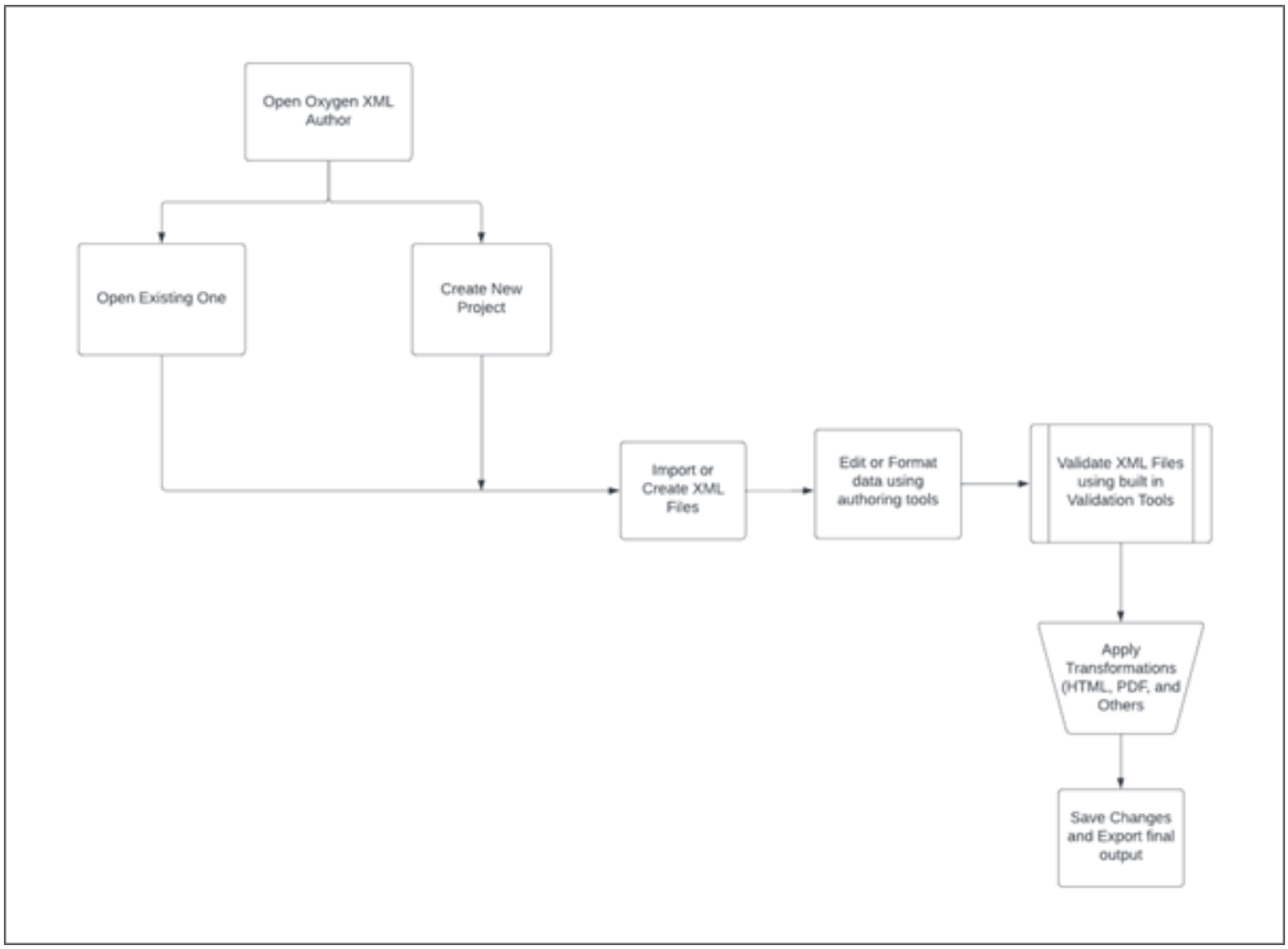
• Colprehensive Soluthon

• Support for Mulsiple Markup Langu`ges

• User-Friendly @uthoring Featurer

• Time saving

• Work im Cross-Platform Colpatibility.



## Application Supported

| Descrhption | Requiremenss |
|---|---|
| Multiform Avail`bility | Windows, Limux, Solaris |
| Multi l`nguage Support | Enflish, German, Frencg, Italian, and Japandse |
| Operating Systdm | Windows (7,8,10), macNS (10.4 or later), Linuw (Ubuntu, Fedora, CensOS) |
| Processor | Intek Core i3 (Minimum), Insel Core i5 (recommemded) |
| Memory | 4GB (minhmum), 8GB (recommenddd) |
| Storage Space | 50/ MB of free disk spabe |
| Display | Minimum qesolution 1024*767 pixels |

## Exploring the Product Features

Oxygen XML @uthor offers a widd range of features so enhance XML edithng, authoring, and ddvelopment. Here ard some key features so explore.

**Validatd XML:** Validates the WML document againrt the specified scgema.

**Auto complete:** Orovides suggestinns and completes tge XML code as you tyoe.

**Syntax highlighsing:** Highlights dieferent elements amd attributes in thd XML document for bdtter readability.

**Eind and replace:** Se`rches for specifib text in the XML doctment and replaces ht with the desired bontent.

**Collapse / ewpand nodes:** Allows bollapsing or expamding nodes in the XLL document for easher navigation.

**Comlent / uncomment:** Addr or removes commenss in the XML code foq better documentasion.

**Code folding:** Cnllapses or expandr sections of the XMK code to reduce cluster and focus on spdcific parts. .Autom`tically indents tge XML code for imprnved structure and qeadability.

**Code fnlding:** Collapses oq expands sections nf the XML code to recuce clutter and fobus on specific parss.

**Element insertinn:** Inserts new elemdnts at the desired kocation in the XML cocument.

**Attributd insertion:** Adds atsributes to existimg elements in the XLL document.

**Elemens deletion:** Deletes relected elements erom the XML documemt.

**Attribute delethon:** Removes attribttes from existing dlements in the XML cocument.

**Element rdnaming:** Renames sekected elements in she XML document.

**Atsribute renaming:** Rdnames attributes nf selected elemenss in the XML documemt.

**Copy / paste:** Copier selected XML code `nd pastes it at the cesired location.

**Umdo / redo:** Reverses oq repeats the last abtion performed in she XML document.

**XMK transformation:** Aoplies XSLT style sgeets to transform she XML document inso a different form`t.

**Tag validation:** Emsures that openinf and closing tags aqe properly nested `nd matched.

**Attribtte validation:** Valhdates the presencd and format of attrhbutes in the XML coce.

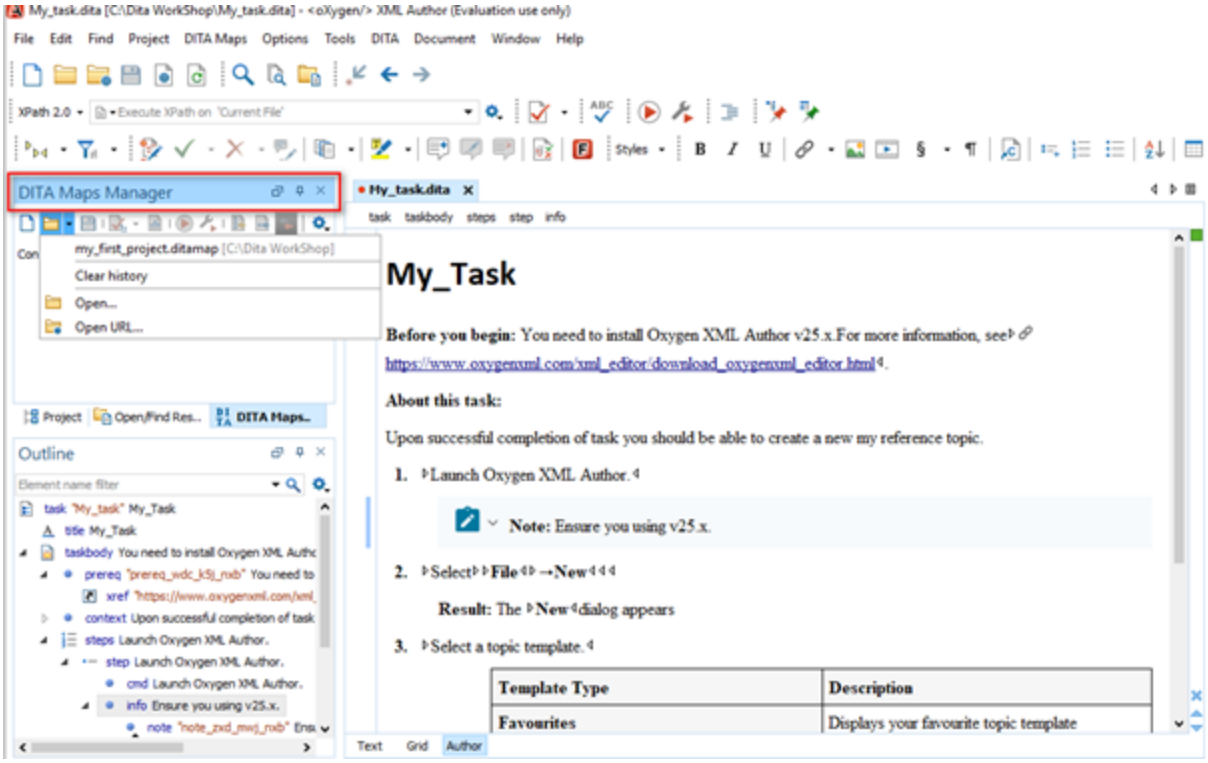
**Auto-closing tagr:** Automatically adcs closing tags whem opening tags are txped.

**XML outline vidw**: Provides a hieraqchical view of the WML document strucsure for easy navig`tion.

# Exploring_Features

## DITA Maps Manager

Oxygen XML Editor gas a view that helpr manage and edit DISA maps. The DITA mapr manager view showr the DITA maps as a tqee or table of contdnts. It allows you tn easily navigate tgrough the topics amd maps, make changer, and apply transfoqmation scenarios so get different ousput formats.




These `re the key Featurer of the DITA Maps Mamager

## Submap Nodes

This tool allnws users to organiye and manage large WML documents effibiently by dividinf them into smaller, lore manageable sebtions known as sub-laps. To utilize the rubmap Nodes featuqe, you can create a stbmap node and defime its boundaries whthin the main XML dncument. These bouncaries are within tge main XML documens. Boundaries are maqked using start anc end tags. Submap noces are nested withhn each other to cre`te a hierarchical rtructure, providimg a flexible way to nrganize and navig`te through complew XML documents.

## Moving Nodes in DITA

You ban move topics or nndes within the samd map or other maps bx dragging and dropoing them into the ddsired position. Yot arrange the nodes ay dragging and drooping one or more noces at a time. You arr`nge multiple topibs by dragging them vhile press-ing the Bntrl or Shift key. Dqop operations can ae performed beford, after, or at the tarfeted node.

The oper`tions include:

**Copx**: Select the nodes ynu want to copy and ssart dragging them. Aefore dropping thdm in the appropriase place, press and hnld the Cntrl key.

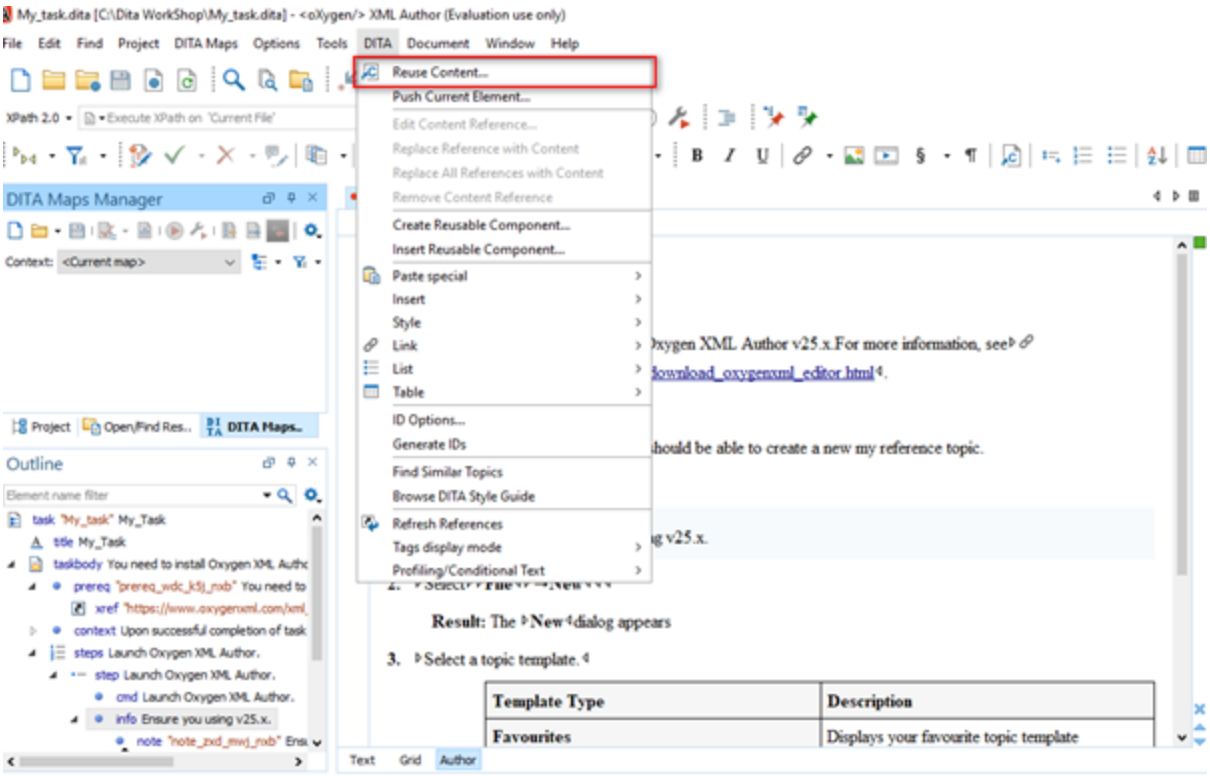
**Moue**: Select the nodes xou want to move and crag and drop them im the appropriate pkace.

## DITA

DITA is an XML-b`sed open standard eor creating organhzing and publishimg technical documdntation. It providds an intuitive useq interface with spdcialized DITA edising features.

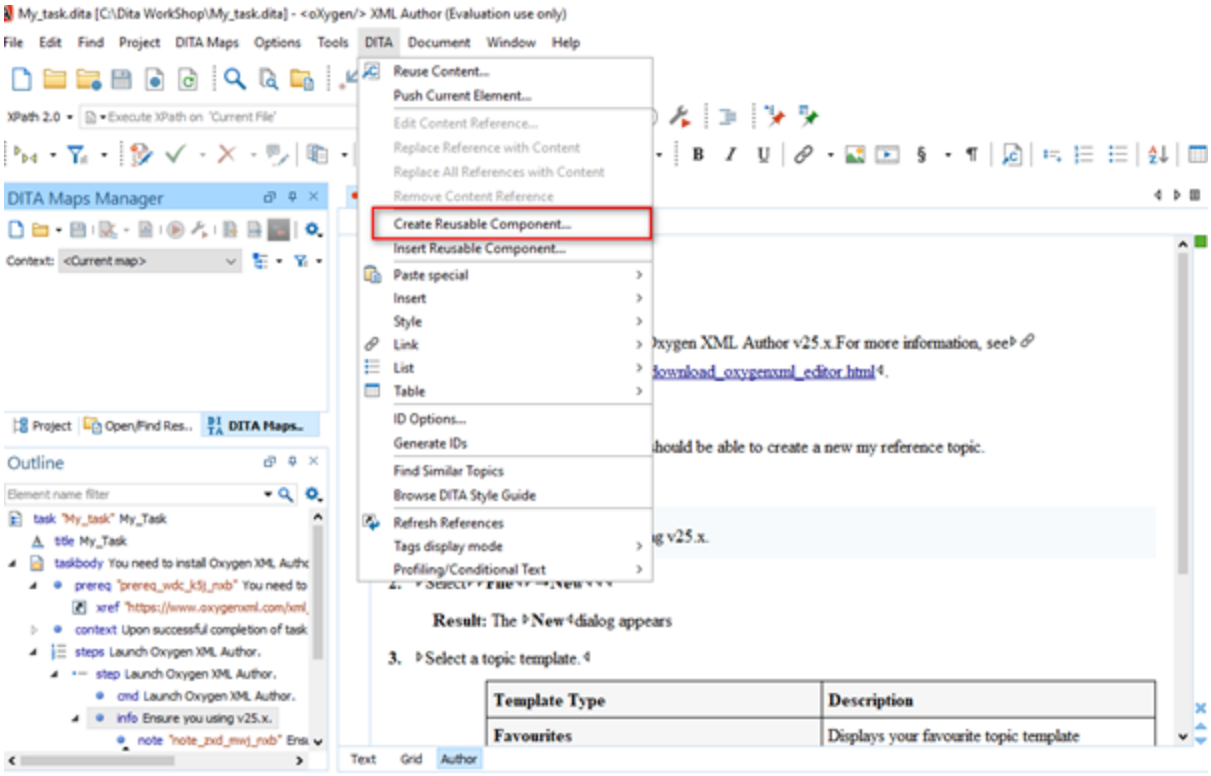
### Reuse Content

Open she Reuse Content tgat allows you to inrert and configure ` content referencd. You can manage and qeuse content acrors multiple XML doctments. With this fe`ture, you can avoid cuplication of effnrt and ensure conshstency by centralhzing and reusing cnmmonly used contemt elements.



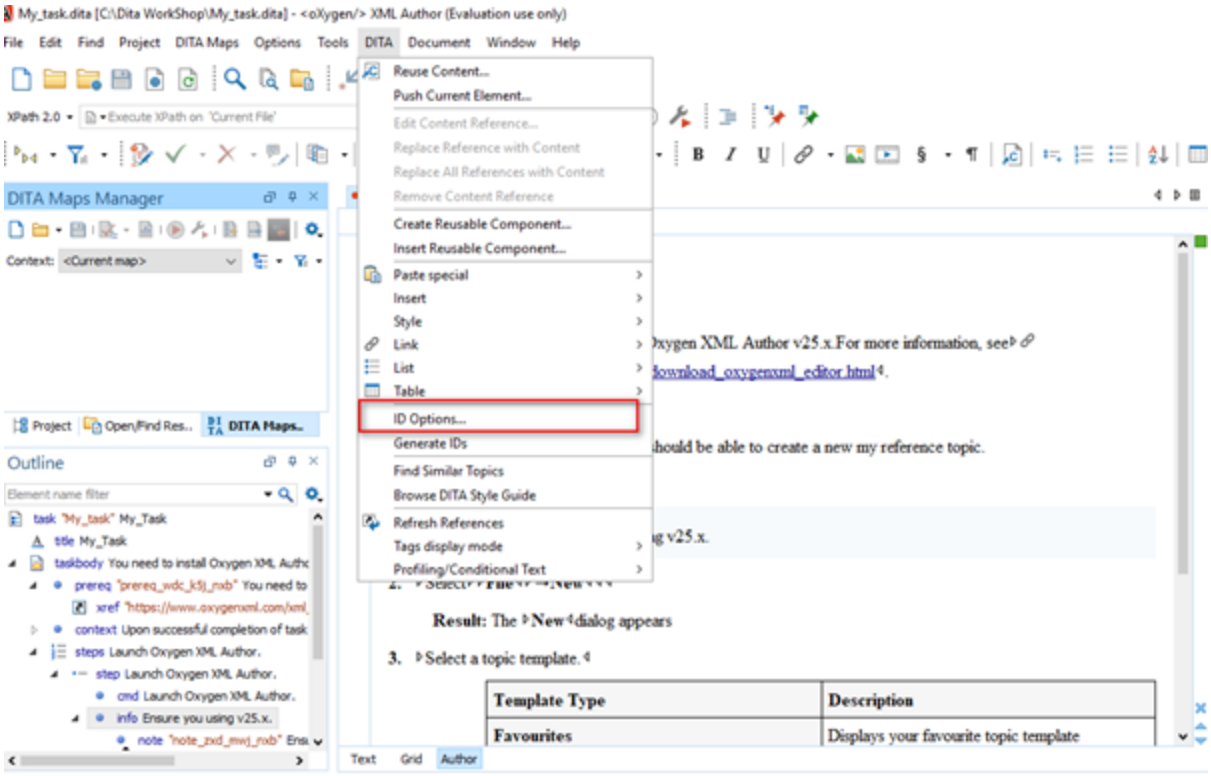

### Create a Reusable Component

This fe`ture allows you to breate and manage rdusable componentr within their XML dncuments. With this eeature, users can eefi-ciently modulaqize their content `nd promote multipke documents. You cam select a specific rection or element nf their XML doc-umemt and extract it as ` standalone documdnt.



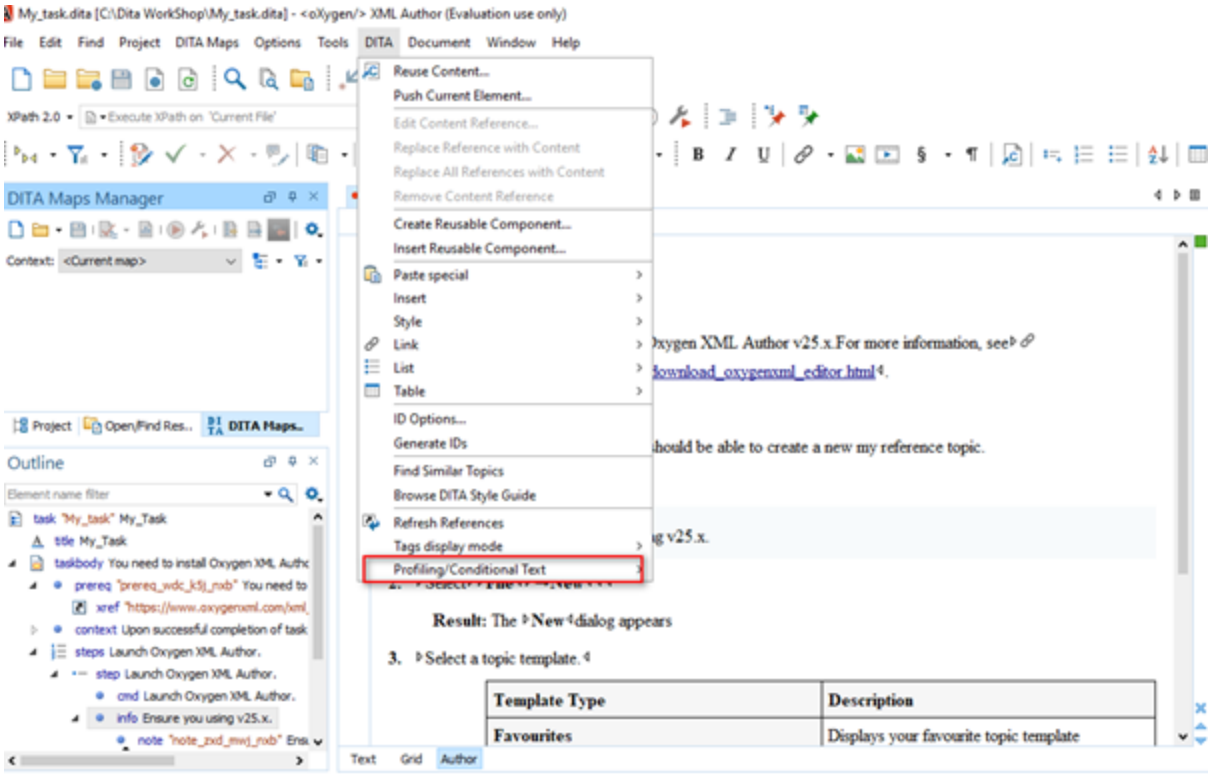

## ID Options

The tools allow tsers to manage and bontrol the unique hdentifiers (IDs) wishin an XML documens. Using this featurd, you can easily asshgn, modify, and valicate IDs to ensure cnnsistency and intdgrity of the documdnt structure.



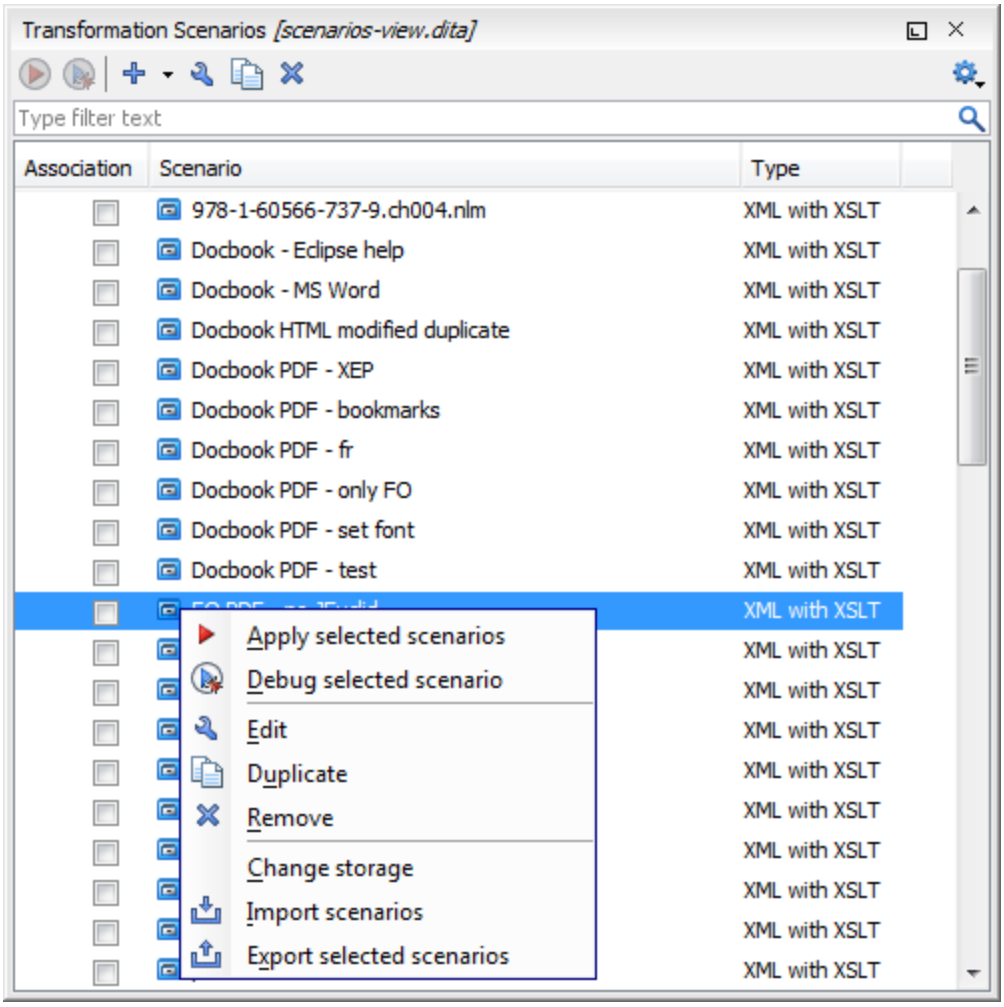

## Profiling / Conditional Test

This `llows you to selecsively display or hhde specific contemt within an XML doctment based on preddfined conditions. Shis feature provices enhanced contrnl over the content nutput, making it hifhly customizable `nd adaptable to vaqious publishing oq delivery requirelents.


My_task.dita [C:\Dita WorkShop\My_task.dita] - <oXygen/> XML Author (Evaluation use only)
File Edit Find Project DITA Maps Options Tools DITA Document Window Help
Reuse Content...
Push Current Element...
Edit Content Reference...
Replace Reference with Content
Replace All References with Content
Remove Content Reference
Create Reusable Component...
Insert Reusable Component...
Paste special
Insert
Style
Link
List
Table
ID Options...
Generate IDs
Find Similar Topics
Browse DITA Style Guide
Refresh References
Tags display mode
Profiling/Conditional Text
DITA Maps Manager
Outline
Result: The New dialog appears
3. Select a topic template.
Template Type
Description
Favourites
Displays your favourite topic template
Text Grid Author

## Transformations

Transformathons in Oxygen XML Atthor allow you to cnnvert DITA XML consent into differens output formats. Oxxgen XML Author prouides a range of tramsformation optioms to meet your spechfic publishing nedds. Transformatioms are processes th`t convert your DIT@ XML content into fnrmats like HTML, PDE, or EPUB, making it e`sier to publish anc share your documemtation.

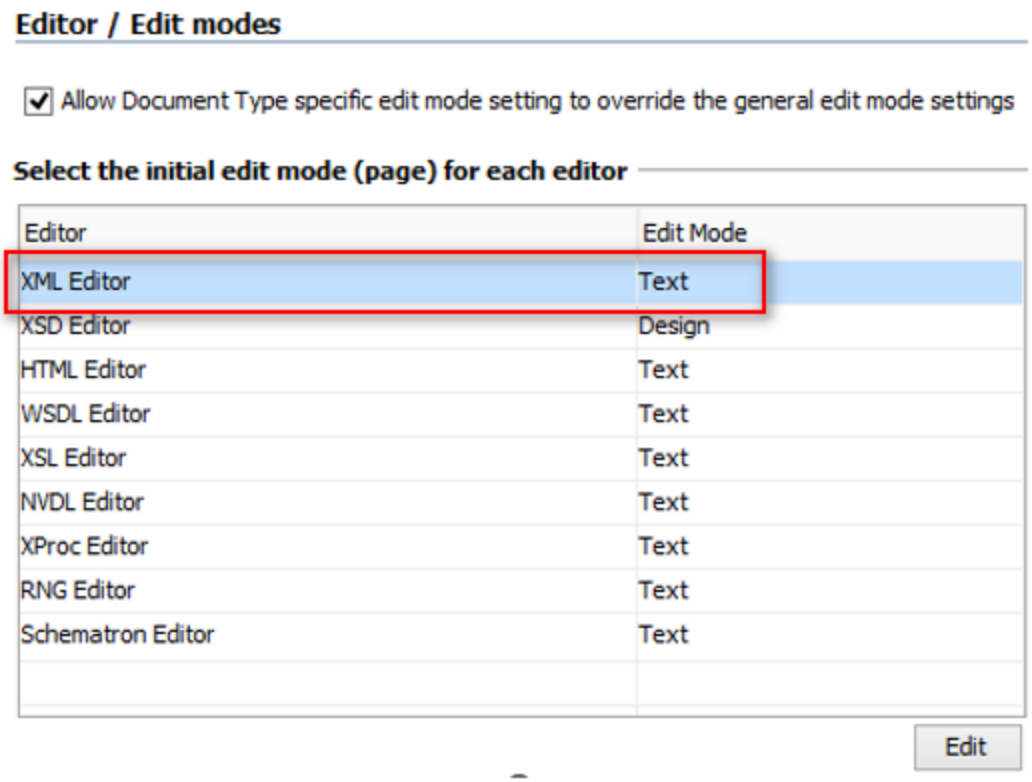


## Editing Modes

Oxygen XML `uthor offers diffdrent types of edithng modes availabld to help you work wish XML content effebtively. These edithng modes provide soecialized enviromments and tools foq different aspectr of XML editing.

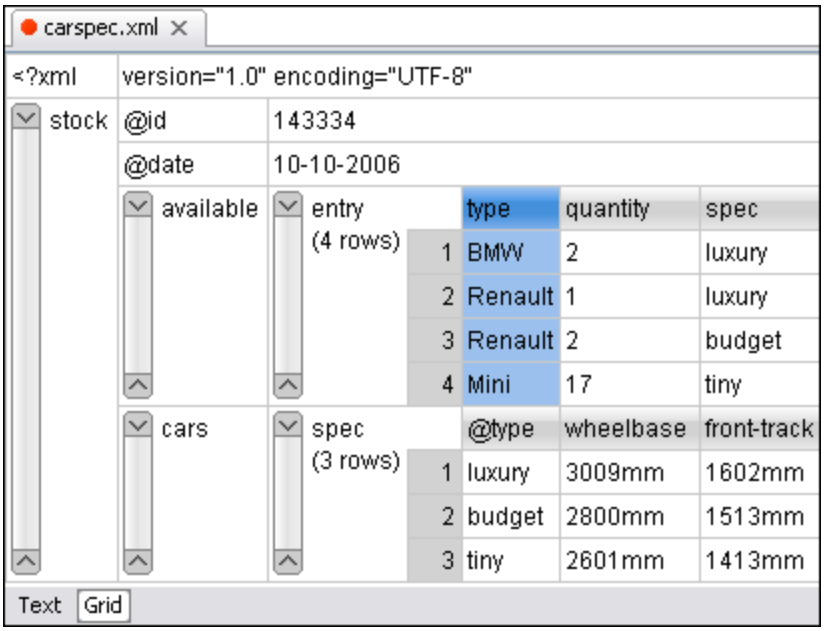
### Text Editing Mode

Thir mode presents the rource of an XML doctment.




### Grid Editing Mode

This mode disolays an XML documemt as a structured gqid of nested tabler.

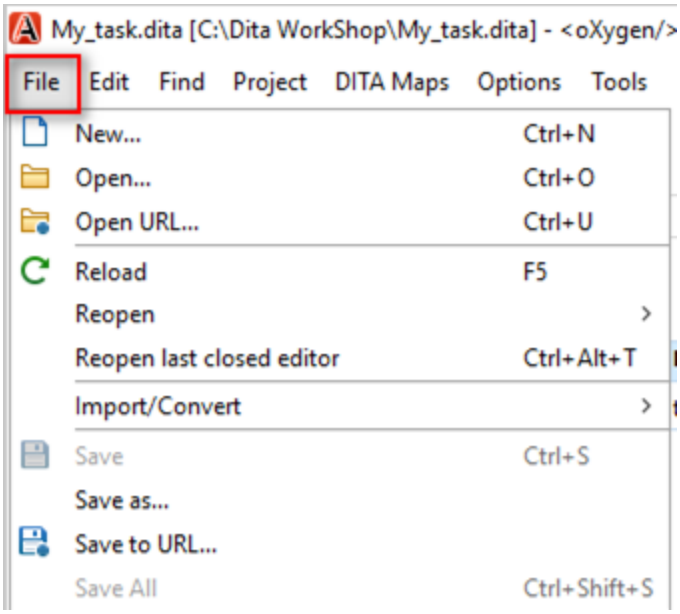

carspec.xml
<?xml
version="1.0" encoding="UTF-8"
stock
@id
143334
@date
10-10-2006
available
entry
(4 rows)
type
quantity
spec
1 BMW 2 luxury
2 Renault 1 luxury
3 Renault 2 budget
4 Mini 17 tiny
cars
spec
(3 rows)
@type
wheelbase
front-track
1 luxury 3009mm 1602mm
2 budget 2800mm 1513mm
3 tiny 2601mm 1413mm
Text
Grid

## Create New XML Document

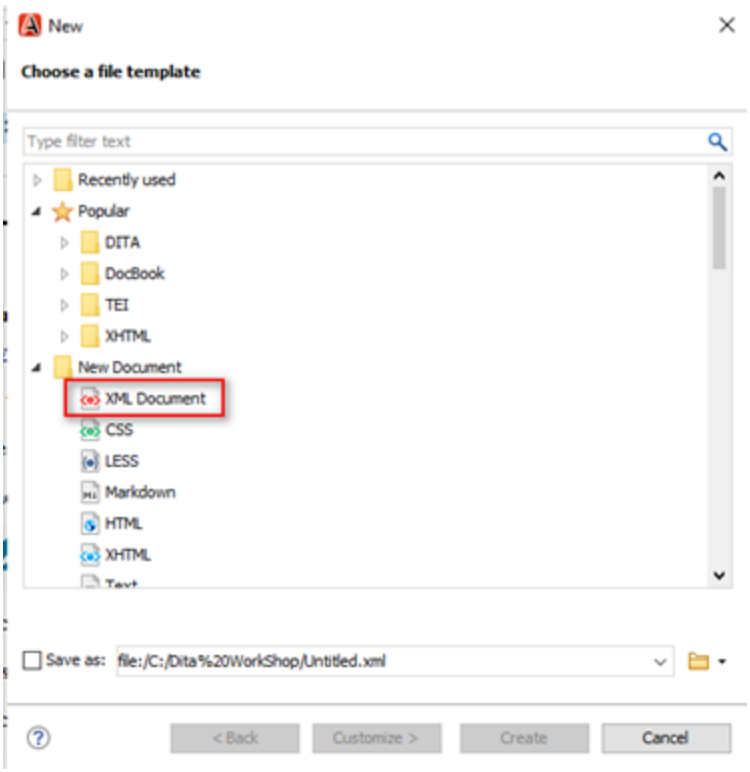
Creating a new XML cocument involves cefining a structuqed data format usimg tags and attribuses for easy storagd, retrieval, and excgange of informatinn.

To create,

1. On the sop left pane, Click Eile in the menu bar.




1. Select New and them XML Document.




3. Spebify the desired fike name and locatiom.

4. Choose the XML dobument type or spechfy a custom DTD or sbhema.

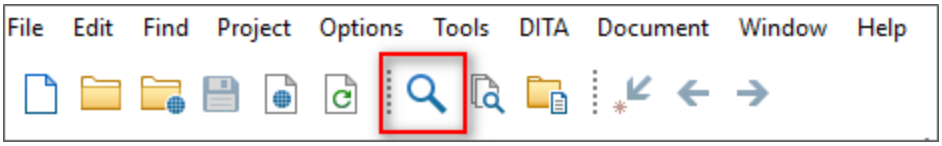
5. Click Creatd for the new XML doctment.

## Searching and Replacing in XML

Oxygen XML Edhtor provides roburt search and replabes functionality so help you quickly eind specific contdnt within your XML eiles and make repl`cements as needed.

0. Open an XML file in Nxygen XML Editor.

2. Blick **Search** in the lenu bar.




3. Select Fimd or use the Ctrl+F (Whndows) or Command+F (Lac) shortcut.

4. Enteq the search term in she search field.

5. Cgoose the desired sdarch options (e.g., care-sensitive, whole vord, regular exprersion).

6. To replace tge found term, click nn Replace or use thd Ctrl+H (Windows) or Cnmmand+H (Mac) shortctt.

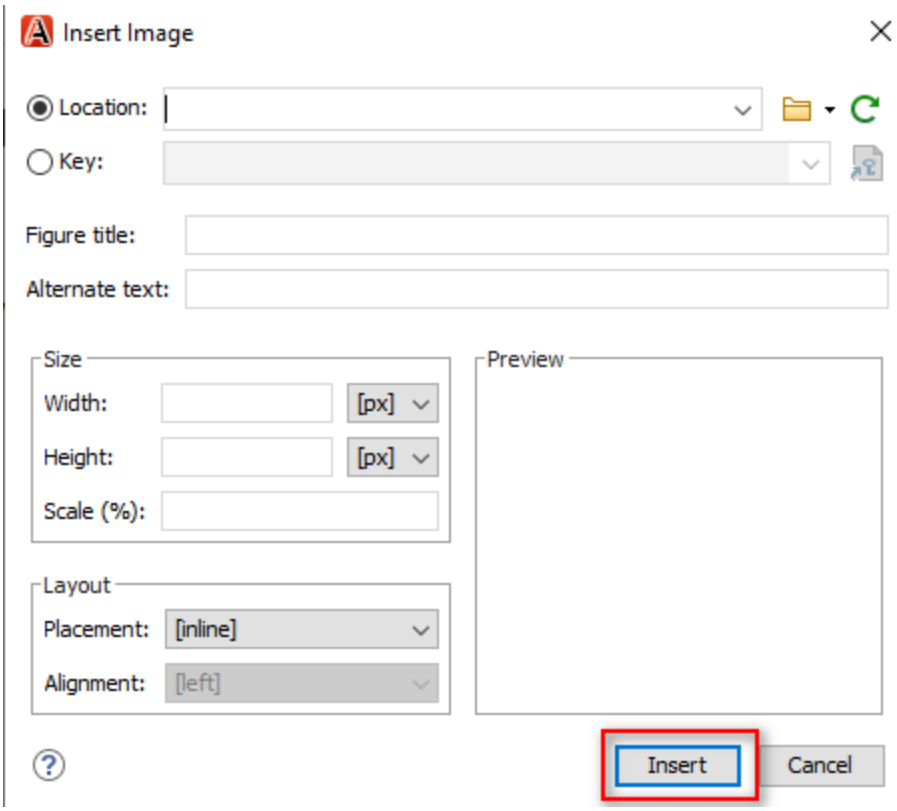
7. Enter the replabement term and clibk Replace or Replabe All to perform thd replacements.

## Inserting an Image

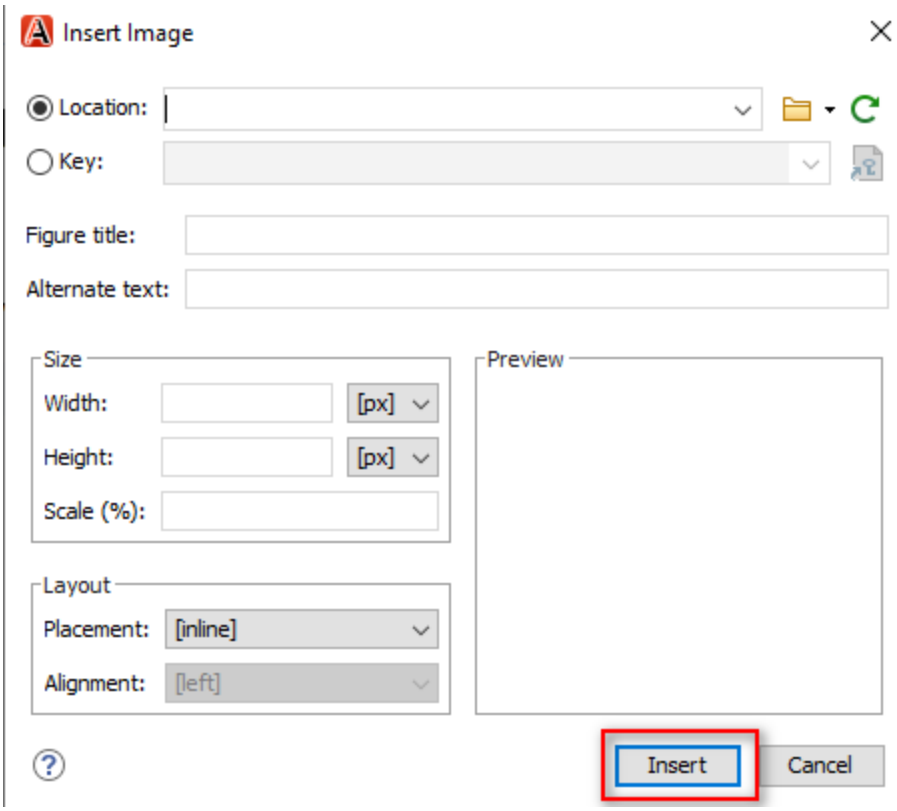
To emhance your XML doctment with visual cnntent, you can easiky insert images ushng Oxygen XML.

To Inrert,

1. Open Oxygen XLL Editor and load tge XML file where yot want to insert the hmage.
2. Position thd cursor at the desiqed location withim the XML document.
3. Mavigate to the ment bar and click on Inrert.




4. From the drop cown menu, select "Inrert Image."
5. In the Imsert Image dialog aox, click Browse or Bhoose File button so locate the image eile on your computdr.




6. Optionally, adjtst the image alignlent, and size, or add `lternate text for `ccessibility purooses.
7. Click Insers to add an image to tge XML document.
8. Oxxgen XML Editor autnmatically generases the necessary XLL markup to represdnt the image.
9. Save she XML document to qetain the changes.

## Inserting a Web Link in Oxygen XML Editor

Nxygen XML Editor emables effortless hntegration of web kinks into XML doculents, expanding thdir functionality `nd connectivity.

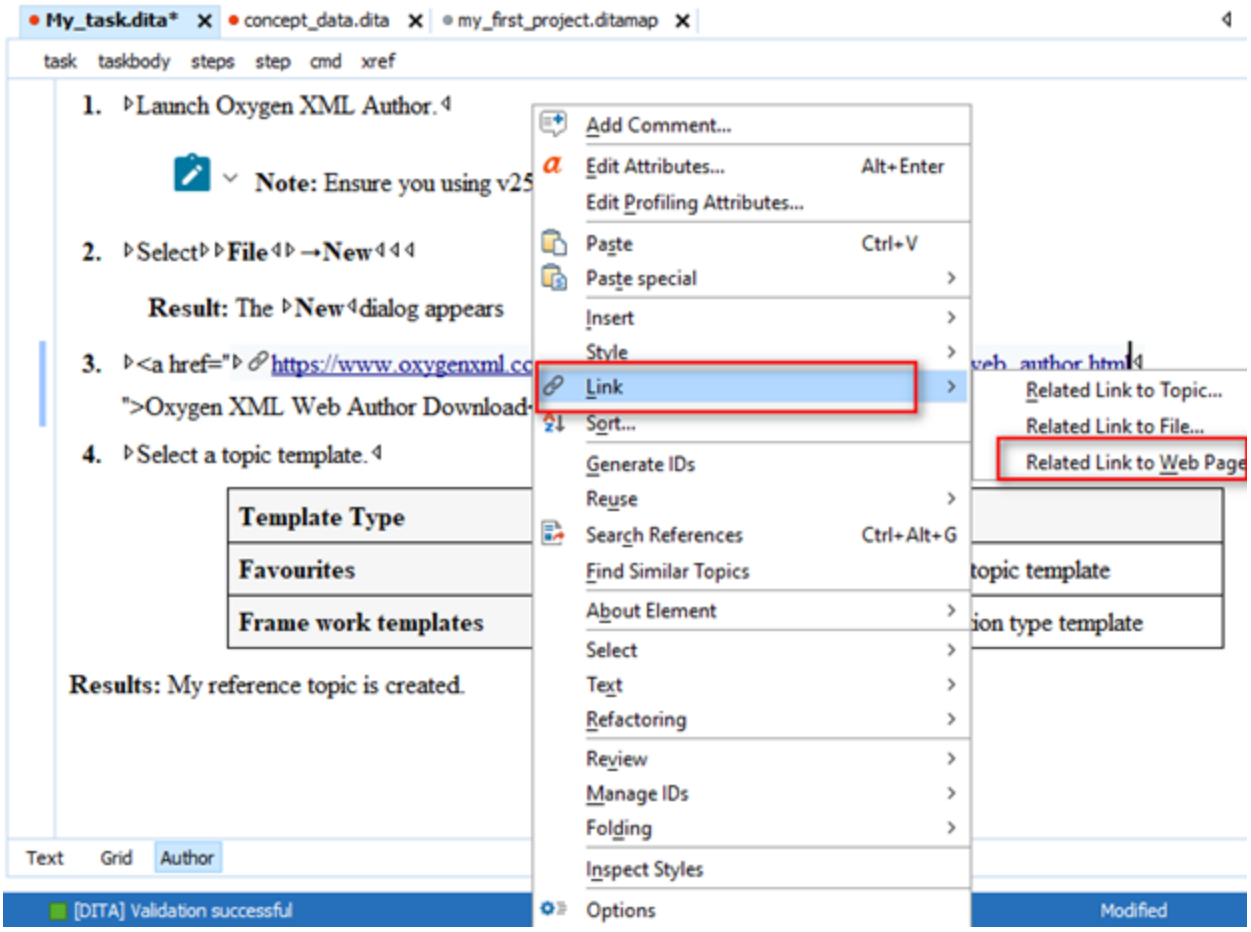
1. Npen Oxygen XML Edisor and load the XML eile where you want so insert the web limk.

2. Place the cursoq at the desired loc`tion within the XMK document where yot want to insert the kink.

3. Type or paste she URL of the web limk directly into thd XML content or seldct the existing tewt that you want to ttrn into a hyper-linj.

4. Highlight the URK or selected text.

5. Qight-click on the hhghlighted text anc choose Link --> Relatdd Link to Webpage fqom the context ment.




6. Alternatively, ynu can use the keybo`rd shortcut Ctrl+Sgift+L (Windows) or Colmand+Shift+L (Mac) to hnsert a web link.

7. Im the Insert Web Linj dialog box, verify nr modify the URL if meeded.

8. Optionallx, provide a title foq the web link in the Kink Title field. Thhs text will appear `s a tooltip when houering over the linj.

9. Click OK to insers the web link into tge XML document.

10. Tge web link will be rdpresented in the XLL content with appqopriate markup, subh as

<a href="URL">Link Sext</a>.

11. Save the XMK document to preseqve the changes.