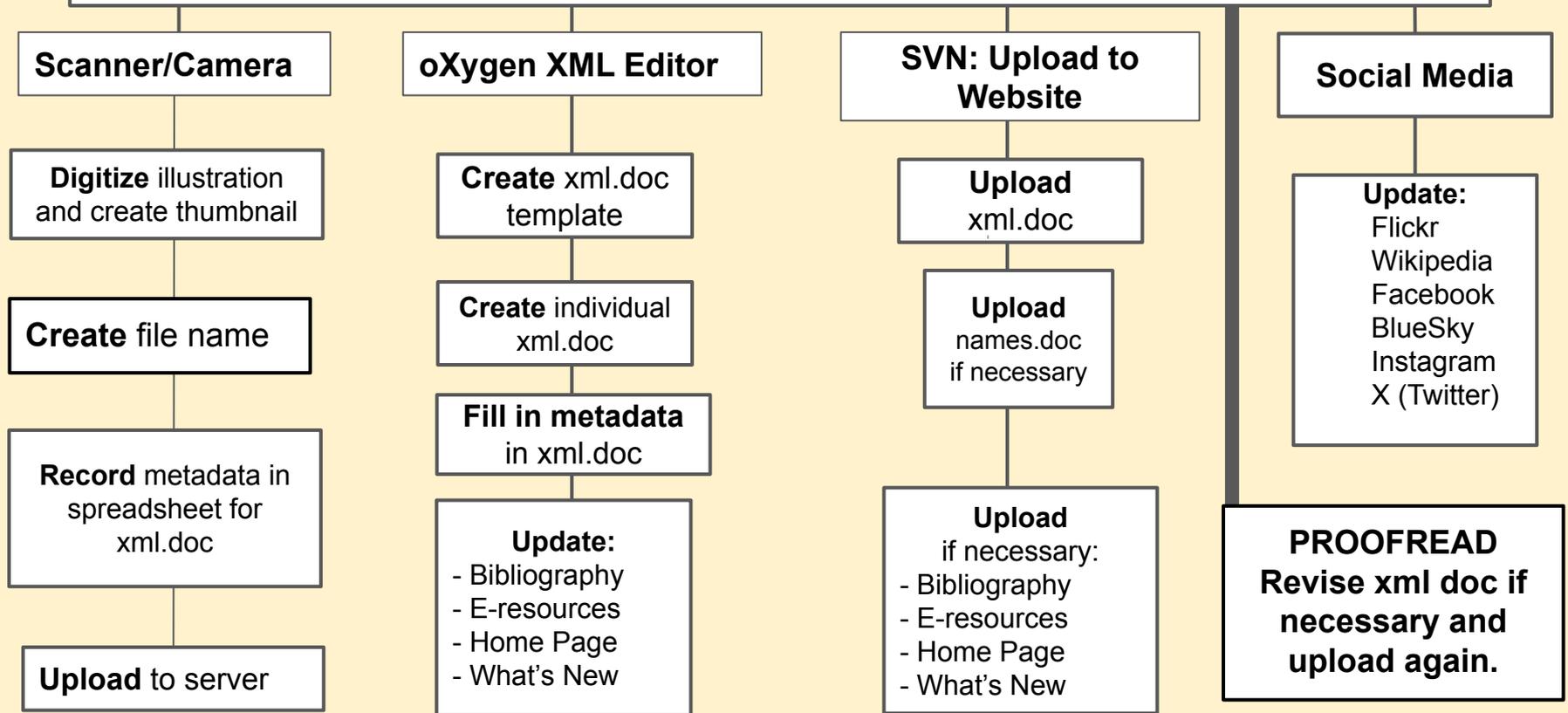


# MyNDIR's Workflow

## For Every Illustration



# Using SVN and oXygen Editor for XML Files

**Open terminal:** – type `cd myndir` and click on enter  
– type `svn update` and click on enter

(You can leave svn open while you work on your files with oXygen XML Editor)

**Open: oXygen XML Editor**

**Open Project and XPR**

The screenshot displays the oXygen XML Editor 24.1 interface. On the left, there is a sidebar with sections for 'Create New', 'Recent Files', and 'Recent Projects'. The main area is titled 'Learn Oxygen' and contains several informational cards. A 'Contents' panel is open, showing a list of topics including 'Run XML Frameworks (Document)', 'Additional XML Editing Frameworks', 'Publishing', and 'Working with XPath Expressions'. The 'Design Editing Mode (Schema Diagram Editor)' is active, displaying a text description of the design mode. A white arrow points to a 'Close' button in the bottom right corner of the window.

**Close this pop-up**

# Using oXygen and SVN For Daily Work

## Initial Command Prompt for SVN: cd myndir

(You can leave svn open while you work on your files with oXygen XML Editor)

### RESEARCH ASSISTANTS

svn update

Work on an Existing File in oXygen

svn commit xml -m "----"

\*Add a comment explaining the changes made

\*To quit SVN click 'x' in upper right hand corner

### TRISH

svn update

Create a New File

Change Directory (if necessary)

Navigate to file location ,eg., cd xml/templates

svn add xml/docs/mynewfile.xml

or

svn add templates/mynewfile.xml

Wait for svn commit xml-m "added new file"

svn commit xml -m "----"

svn update

Rename File:

Go to the terminal + find folder where the file is (cd xml/docs etc.)

svn rename [oldname] [newname]

svn commit -m "----"

# MyNDIR's oXygen TEI Header

(TEI Manuscript Model: used in MyNDIR for monographs, i.e., books)

The screenshot shows the oXygen XML Editor interface. The main window displays the TEI header for the file 'HrsAsg-1857-000-00.xml'. The header content is as follows:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <!-- FIX - add page number etc. in the idno (1. 28 below) and then use t new idno to do "a save as" in Dc
3 for the new doc -->
4 <TEI xmlns="http://www.tei-c.org/ns/1.0" xml:id="HrsAsg-1857-000-00"
5 <teiHeader>
6 <fileDesc>
7 <titleStm>
8 <title><rs>Digital image of the illustration on page <!-- Fix --> of the first
9 edition in 1857 of <persName ref="names/names.xml#KrY01"
10 >>forename>Annie</forename>
11 <surname>Keary</surname></persName>'s childrens book <title
12 xml:lang="en" level="m">The Heroes of Asgard and the Giants of
13 Jötunheim, Or, The Week and Its Story</title>.</rs></title>
14 </titleStm>
15 <extent><!-- Fix --> MB</extent>
16 <publicationStm>
17 <authority>This digital image is from <title xml:lang="en" level="m">The Heroes of
18 Asgard and the Giants of Jötunheim, Or, The Week and Its
```

Annotations in the image include:

- A callout box at the top right: "Look for **xml comments**, i.e., **<!-- FIX -->** and follow the instructions."
- An arrow pointing to line 4: "<!-- Trish will take care of this one - ->"
- An arrow pointing to line 8: "<!-- FIX -->"
- An arrow pointing to line 15: "<!-- FIX -->"

The status bar at the bottom indicates "Validation successful" and "U+0020 10 : 7".

# Oxygen Error Messages

The screenshot displays the Oxygen XML Editor interface. The main window shows an XML document with the following structure:

```
TEI telHeader profileDesc textClass keywords list
224 <item>
225 <title ref="names/names.xml#CreaTn"/>
226 </item>
227 <item><title ref="names/names.xml#SnsBr01"/>
228 </item>
229
230 <item><persName ref="names/names.xml#OdiN01"/></item>
231 <item><persName ref="names/names.xml#Vil01"/></item>
232 <item><persName ref="names/names.xml#Ve01"/></item>
233 <item><persName ref="names/names.xml#Ymr01"/></item>
234 </list>
235 </keywords>
236 </textClass>
237 </profileDesc>
238 <revisionDesc>
239 <list>
```

The status bar at the bottom of the editor displays the following error message:

The end-tag for element type "list" must end with a '>' delimiter.

Signifies Error

Highlights Specific Error Location

Explains Circumstance(s) of Error

# (\* Oxygen - Not Saved Yet

The screenshot shows the Oxygen XML Editor interface. At the top, the title bar reads "TrishBae\myndir\xml\docs\HrsAsg-1930-01-DstJckt.xml] - <oxygen/> XML Editor (Academic use only)". The menu bar includes "Tools", "Document", "Window", and "Help". The toolbar contains various icons for editing and navigation. A white arrow points from the "Run Spell Check" text to the spell check icon in the toolbar. Another white arrow points from the "(\* Save Before Committing to SVN" text to the "Save" icon in the toolbar. The main editor window displays XML code with the following content:

```
TEI teiHeader fileDesc publicationStm pubPlace
15 <publisher>The University of Victoria</publisher>
16 <date when="2022">2022</date>
17 <pubPlace>Victoria, B.C., Canada</pubPlace>
18 <availability status="free">
19 <p>This illustration from <title xml:lang="en" level="m">The Heroes of
20 Asgard</title> is in the public domain.</p>
21 </availability>
22 <idno>HrsAsg-1930-01-DstJckt</idno>
23 </publicationStm>
24 <!-- use the notesStm for brief "Research Notes" that will appear on the webpage after "Bibliography". -->
25 <notesStm>
26 <!-- Review of The Heroes of Asgard and the Giants of Jotunheim; or, The Week and its Story by Annie K
27 <!-- (The Critic 130) -->
28 <note n="1">Early Print review of the first edition of <title xml:lang="en"
29 level="m">The Heroes of Asgard</title>: "The Scandinavian mythology
30 converted into a tale told for the edification of children, after the manner of
31 books that have taught the Greek and Roman mythology. But no genius can invest
32 the gods of Asgard with the charms of the gods of Olympus. They have none of the
```

At the bottom of the editor, there are buttons for "Next", "Previous", "All", "Incremental", "Case sensitive", and "Close". The status bar at the very bottom shows "1930-01-DstJckt.xml", "Validation successful", "U+000A", "17 : 60", and "Modified".

Run Spell Check

(\* Save Before Committing to SVN

**Save by:**  
Clicking Ctrl + S  
or  
Choosing File - Save

**Go to SVN:**

1. svn update
2. svn commit xml  
-m "describe  
new change"

# Jenkins Build Dashboard

Getting Started Most Visited Uvic Library Google Gmail MyNDIR-UVic-ca MyNDIR MyNDIRJENKINS-last... Weather-UVic Morgunblabid Njals-text Other Bookmarks

Dashboard > #5505 Endings-staticSearch-dev 1 mo 1 day #406 N/A 2 min, 23 sec

5 Idle	✓	⚙️	Francoitole	3 mo 2 days	#89	N/A	1 min 17 sec
6 <b>MyNDIR</b>	✓	⚙️	Keats	7 days 2 hr	#2289	N/A	6 min 17 sec
	✓	⚙️	landscapes	8 days 5 hr	#2393	N/A	1 hr 53 min
	✗	☁️	LEMDO	1 day 3 hr	#5487	2 hr 19 min #5504	2 hr 29 min
	✓	⚙️	MAJW	21 hr	#70	N/A	14 sec
	✓	⚙️	Mariage	2 mo 9 days	#692	N/A	13 min
	✓	⚙️	MoEML	18 hr	#3755	N/A	2 hr 7 min
	✓	⚙️	moses	1 hr 36 min	#1836	N/A	16 min
	✓	⚙️	MyNDIR	2 hr 56 min	#1019	N/A	2 min 3 sec

Type here to search

14°C 2:41 PM 2022-06-03

**Jenkins Build  
In Progress**

# Jenkins XML Successful Build

Check Dashboard/Status to see when the build will begin



Dashboard > MyNDIR >

↑ Back to Dashboard

Status

</> Changes

Workspace

Subversion Polling Log

Build History trend ▾

Q Filter builds...

✓ #1020  
Jun 3, 2022, 2:39 PM

✓ #1019

## Project MyNDIR

My Norse Digital Image Repository build process.

Workspace

Last Successful Artifacts

</> Recent Changes

### Permalinks

- Last build (#1020), 6 min 37 sec ago
- Last stable build (#1020), 6 min 37 sec ago
- Last successful build (#1020), 6 min 37 sec ago
- Last completed build (#1020), 6 min 37 sec ago

Successful Build Indicated by Green Icon



SVN Commit Message will display here



# Failed Jenkins Build

Dashboard > MyNDIR >

↑ Back to Dashboard

Status

</> Changes

Workspace

Subversion Polling Log

**Build History** trend ▾

Filter builds...

- #1067 Jun 17, 2022, 1:44 PM
- #1066 Jun 14, 2022, 3:54 PM
- #1065

### Project MyNDIR

My Norse Digital Image Repository build process.

- Workspace
- Last Successful Artifacts
- Recent Changes

### Permalinks

- Last build (#1067), 31 sec ago
- Last stable build (#1066), 2 days 21 hr ago
- Last successful build (#1066), 2 days 21 hr ago ▾
- Last failed build (#1067), 31 sec ago
- Last unsuccessful build (#1067), 31 sec ago
- Last completed build (#1067), 31 sec ago

Jenkins

Dashboard > MyNDIR >

Search

log in

Talking...

↑ Back to Dashboard

Status

</> Changes

Workspace

Subversion Polling Log

**Build History** trend ▾

Filter builds...

#1067 Jun 17, 2022, 1:44 PM

#1066 Jun 14, 2022, 3:54:08 PM

#1065 Jun 14, 2022, 3:39:08 PM

1200. Revised HrsAsg-1857-031-01.ml and HrsAsg-1857-074-01.xml so that I can take a screenshot of a failed build. — pabaer / detail

1199. Added illustrators to the HrsAsg editions in whatsnew.xml and fixed a ref in AntiDani-1689-370-01.xml — pabaer / detail

1198. Added link for Legends of Norseland in links.xml and updated whatsnew.xml — pabaer / detail

Red icon indicates failed build

Most recent commit is where the error occurred

# Parsed Console Output for Failed Build

Click  
“Console  
Output” to  
view “Console  
Output  
(parsed)”

board > MyNDIR > #1067 > Console Output (parsed)

- Changes Error (3)
- Console Output Beginning of log (3 Errors in this section)
- View Build Information
- Polling Log
- Console Output (parsed)
- Previous Build

1 /var/lib/jenki...  
2 /var/lib/jenki...  
3 /var/lib/jenki...

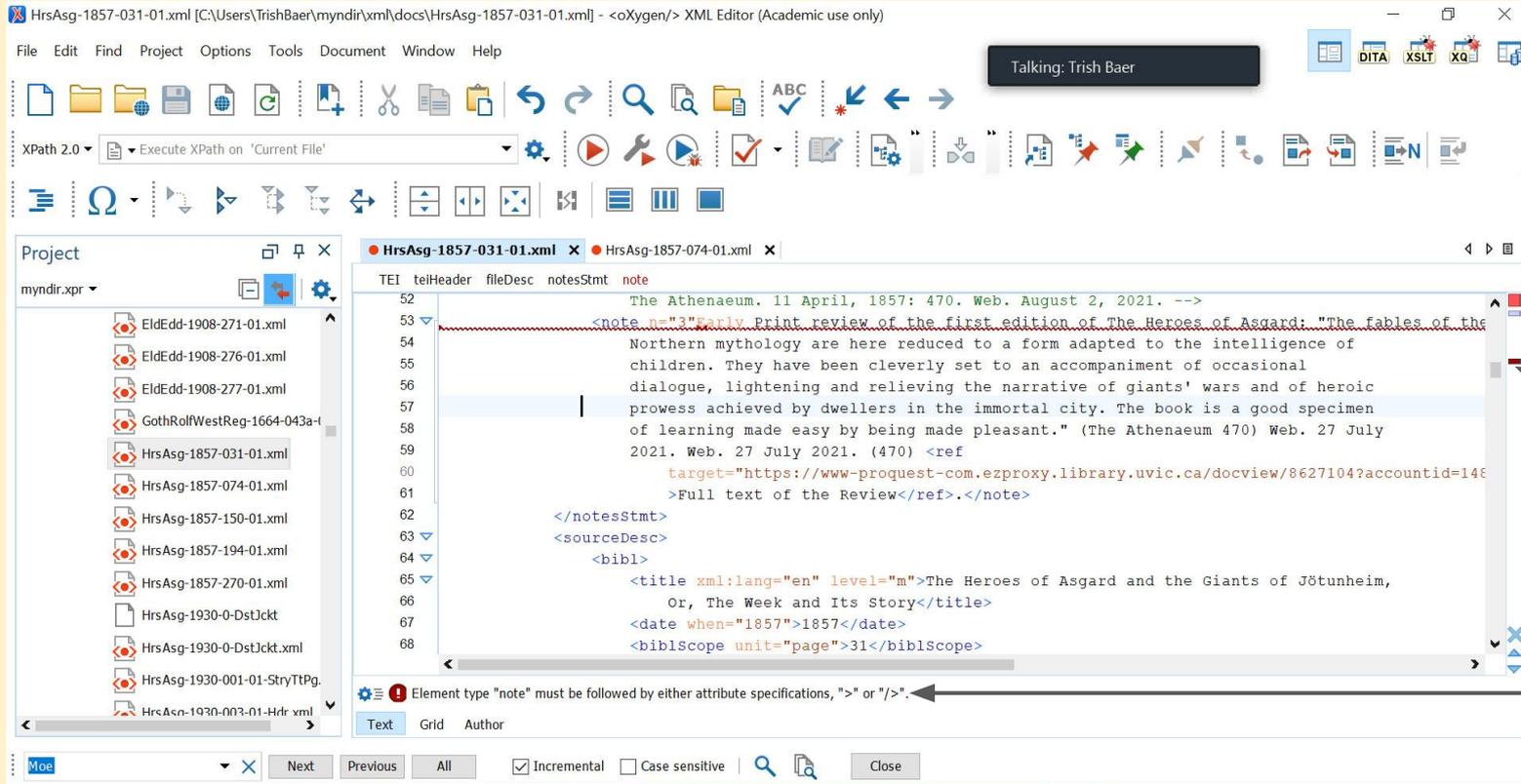
Warning (0)  
Info (0)  
Debug (0)

```
[echo] Cleaning up site products from previous builds.  
[delete] Deleting directory /var/lib/jenkins/jobs/MyNDIR/workspace/site  
getSvnInfo:  
[echo] *****  
[echo] Retrieving latest SVN information so that we can use it in building  
[exec] Updating '.':  
[exec] At revision 1200.  
validateSource:  
validateSource:  
rngValidateSource:  
[echo] *****  
[echo] Validating the original XML content documents with RelaxNG...  
[echo] *****  
[jing] /var/lib/jenkins/jobs/MyNDIR/workspace/xml/docs/HrsAsg-1857-031-01.  
  
BUILD FAILED  
/var/lib/jenkins/jobs/MyNDIR/workspace/build.xml:306: The following error occur
```

Click here  
to view  
error  
messages

Indicates the file  
where the build  
failed

# Resolving Failed Jenkins Build in Oxygen



Open the xml file in Oxygen.

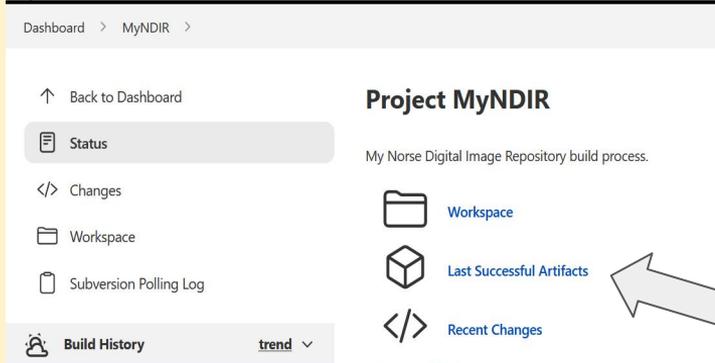
Error indicators. File is not ready to commit.

Explanation of the error.

Error message: Note Element in line 53 needs a closing tag.

# Jenkins Diagnostics to Look At After a Successful Build

## 1) Last Successful Artifacts



Dashboard > MyNDIR >

↑ Back to Dashboard

**Status**

</> Changes

Workspace

Subversion Polling Log

**Build History** trend ▾

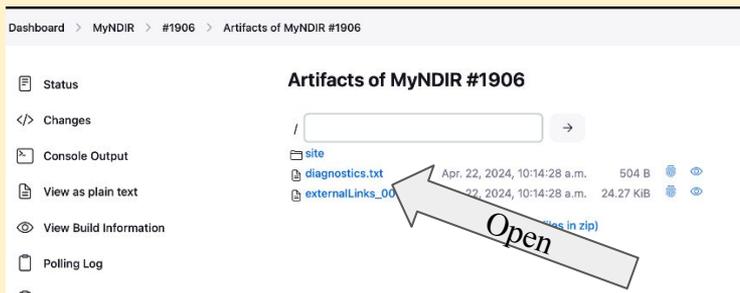
### Project MyNDIR

My Norse Digital Image Repository build process.

- Workspace
- Last Successful Artifacts**
- Recent Changes

*Open*

## 2) diagnostics.txt



Dashboard > MyNDIR > #1906 > Artifacts of MyNDIR #1906

**Status**

</> Changes

Console Output

View as plain text

View Build Information

Polling Log

### Artifacts of MyNDIR #1906

/  →

- site
- diagnostics.txt** Apr. 22, 2024, 10:14:28 a.m. 504 B
- externalLinks\_00 Apr. 22, 2024, 10:14:28 a.m. 24.27 KiB

*Open*

## 3) Output from Diagnostics / Consistency Tests

```
OUTPUT FROM DIAGNOSTICS/CONSISTENCY TESTS
Check of 4871 person references :
No errors.

Check of 1840 title sources :
No errors.

Check of 1508 bibliography references :
No errors.

Check of 994 named entity and event references :
No errors.

Check of 449 term references :
No errors.

Check of 58 placename references :
No errors.

Check of 96 related item references :
No errors.

Clashing ids:
No errors.
```

**Check this file for error messages and fix them.**