

XMLMill for Java - XMLMill for Domino

Samples Guide

3.00

xmlmill

xmlmill

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1. Installing the Examples

1.1. Installing the Examples

The XMLMill distribution file contains a rich set of example files you can consult to investigate how XMLMill can be used in different situations.

Before you can use the examples you must have installed XMLMill properly. Please read chapter 3 **Installation** in the **userguide.pdf** document for more information).

☞ *The examples in the [Consulting the .mill/.xml/.xsl examples](#) chapter are eligible for 'XMLMill for Domino' and 'XMLMill for Java' users.*

2. Consulting the .mill / .xml / .xsl examples

2.1. Overview

In order to generate the pdf documents based on the examples you need to start **XMLMill in interactive mode**.

Please visit chapter 7 **XMLMill Interactive** in the **userguide.pdf** document to know how to use XMLMill in interactive mode.

After having started XMLMill successfully you'll see following screen:



☞ *It is always worthwhile to have XMLMill InterActive at your fingertips during your project, as this way you can easily test the stylesheets you develop before moving them into production.*

2.2. Directory: **samples/docs**

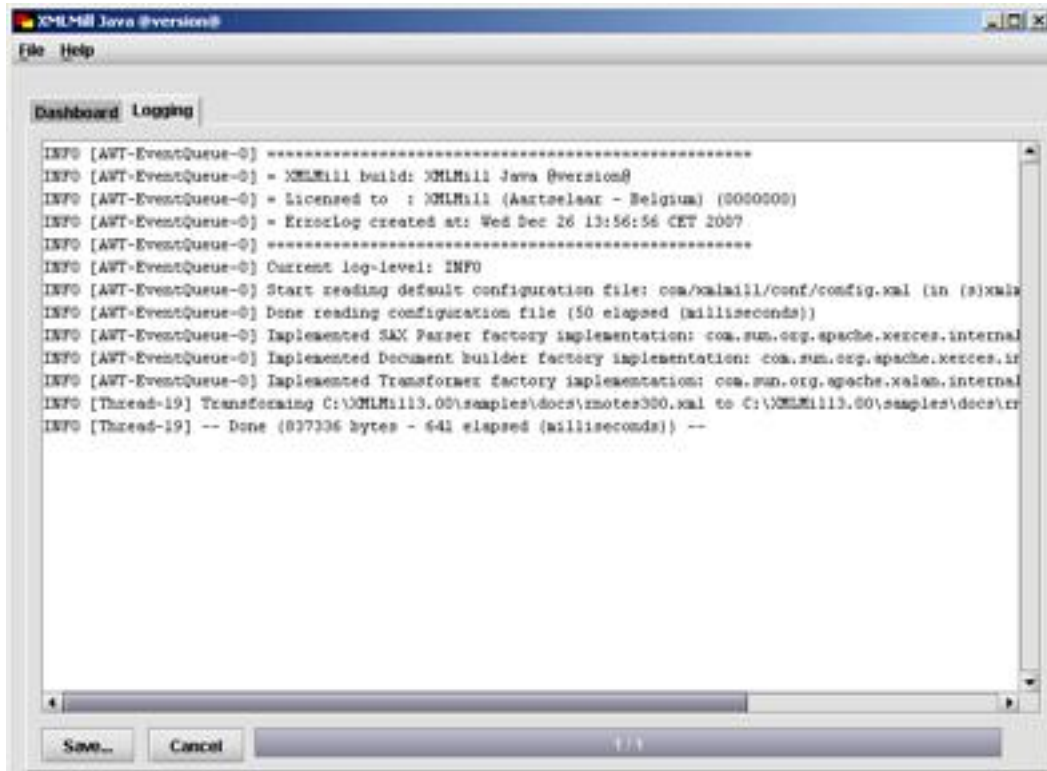
This directory contains the **rnotes*.*** files used to generate the release notes document. Based on a simplified variant of the 'docbook' dtd (check the **rnotes.dtd**), the PDF document is generated.

To generate the release notes document based on the **rnotes*.*** example do as follows:

1. Start XMLMill in interactive mode
2. Select the **Open...** button to select the **rnotes*.xml** file.
3. Select the **Log...** button to select a directory where the **.log** file is written.

4. Select the **XSL...** button to select the **rnotes*.xsl** file.
5. Select the **Convert...** button to start the generation process.

After the generation has finished the content of the log-file is displayed:



```

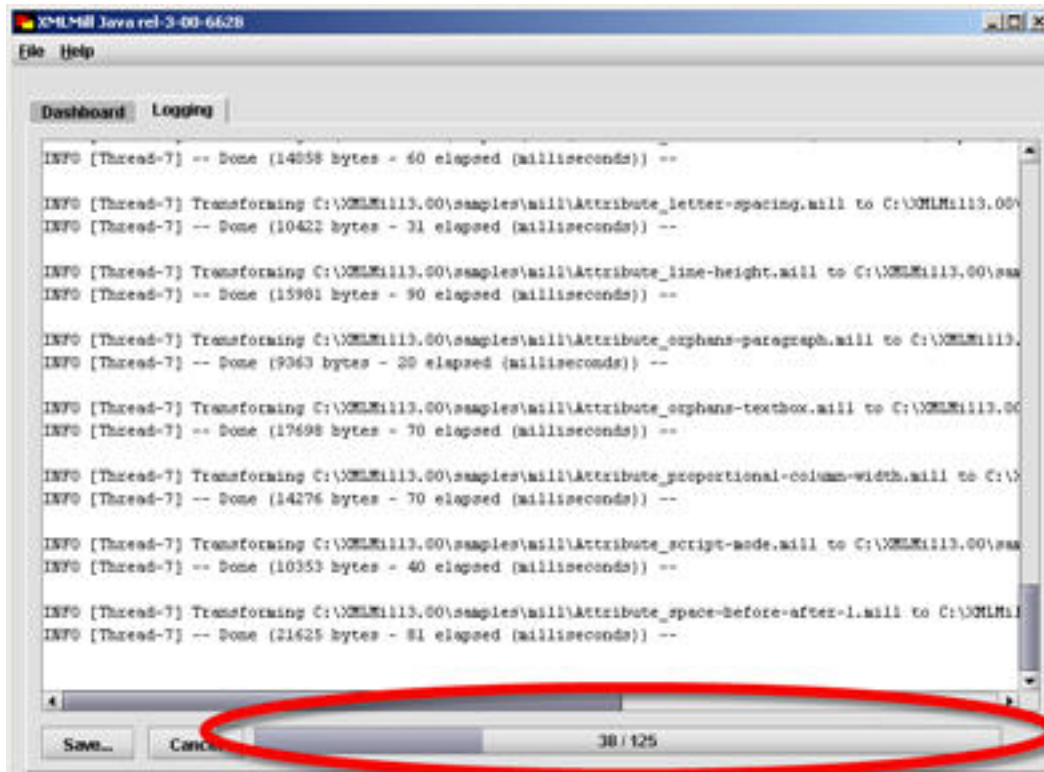
XMLMill Java @version@
File Help
Dashboard Logging
INFO [AWT-EventQueue-0] =====
INFO [AWT-EventQueue-0] = XMLMill build: XMLMill Java @version@
INFO [AWT-EventQueue-0] = Licensed to : XMLMill (Aartselaar - Belgium) (0000000)
INFO [AWT-EventQueue-0] = Errorlog created at: Wed Dec 26 13:56:56 CET 2007
INFO [AWT-EventQueue-0] =====
INFO [AWT-EventQueue-0] Current log-level: INFO
INFO [AWT-EventQueue-0] Start reading default configuration file: com/xmlmill/conf/config.xml (in (s)xml
INFO [AWT-EventQueue-0] Done reading configuration file (50 elapsed (milliseconds))
INFO [AWT-EventQueue-0] Implemented SAX Parser factory implementation: com.sun.org.apache.xerces.internal
INFO [AWT-EventQueue-0] Implemented Document builder factory implementation: com.sun.org.apache.xerces.in
INFO [AWT-EventQueue-0] Implemented Transformer factory implementation: com.sun.org.apache.xmlsec.internal
INFO [Thread-19] Transforming C:\XMLMill3.00\samples\docs\rnotes00.xml to C:\XMLMill3.00\samples\docs\r
INFO [Thread-19] -- Done (837336 bytes - 641 elapsed (milliseconds)) --
    
```

2.3. Directory: *samples/mill*

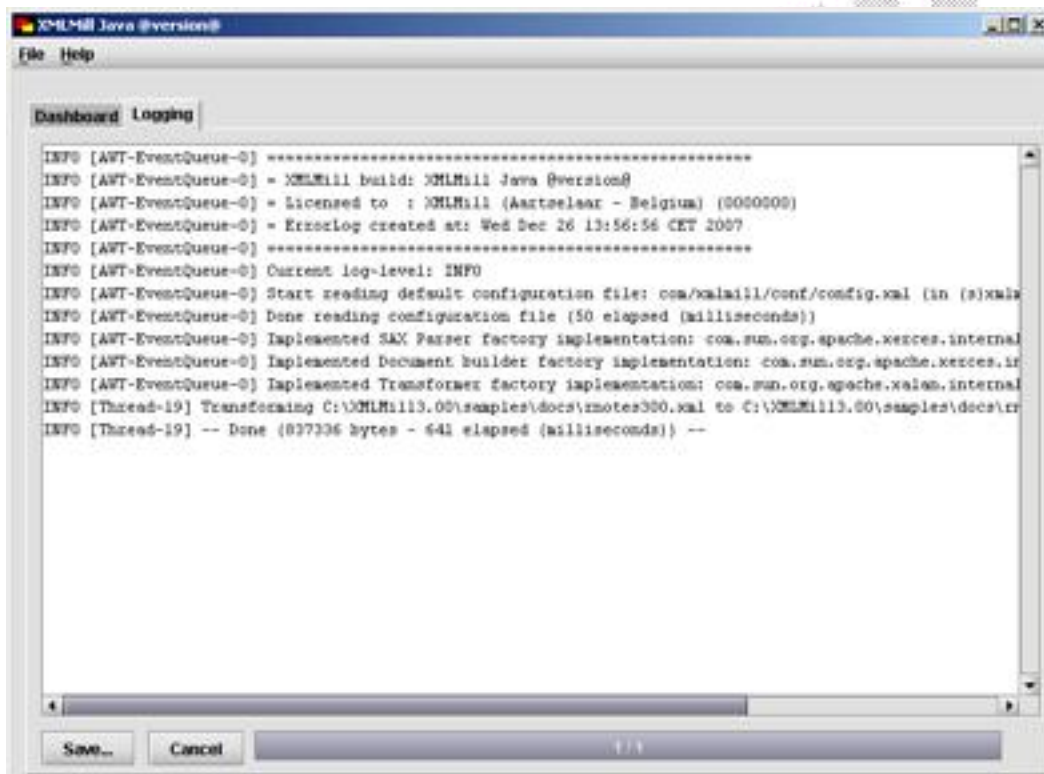
To generate the .pdf documents based on the .mill examples do as follows:

1. Start XMLMill in interactive mode
2. Select the **Open...** button to select all .mill files.
3. Select the **Log...** button to select a directory where the .log file is written.
4. Select the **Convert...** button to start the generation process.

During generation the progress bar will indicate how many files have already been processed:



After the generation has finished the content of the log-file is displayed:



☞ To know all elements/attributes valid in the **ml:** namespace please visit the **dtdguide** contained in the **docs** directory in the distribution.

2.4. Directory: samples/volume

These examples show you how XMLMill can be used to generate 'high' volume documents, meaning large documents (+1000 pages). Please consult chapter 8 **XMLMill Batch** and 17 **Volume testing** in the **userguide.pdf** document for more information.

To generate the .pdf documents do as follows:

1. Start XMLMill in interactive mode

2. Select the **Open...** button to select the **.xml** files.
3. Select the **Log...** button to select a directory where the **.log** file is written.
4. Select the **XSL...** button to select an ***.xsl** file.
5. Select the **Log** menu and subsequently check the **DEBUG** checkbox.
6. Select the **Convert...** button to start the generation process.

☞ *During the conversion check the log file regularly to see how many records are processed.*

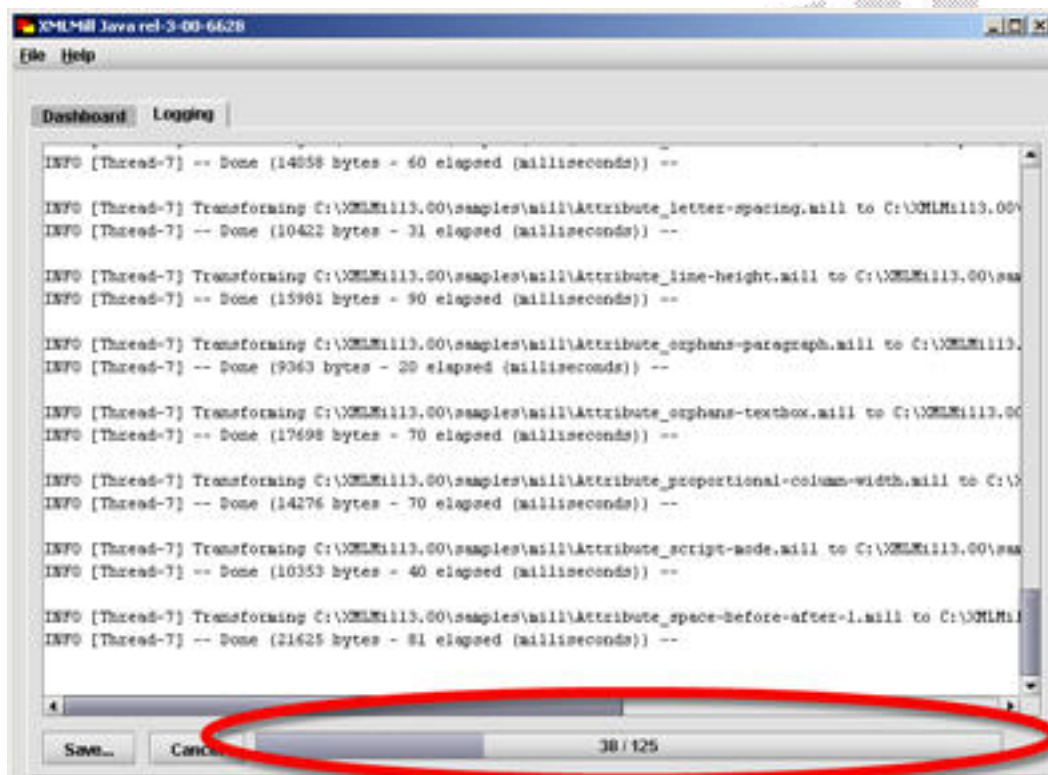
2.5. Directory: *samples/xmlxsl*

The **.xsl** examples are located in the **samples/xmlxsl/** directory and show you how to use an xsl stylesheet to transform a xml document to the **ml:** namespace.

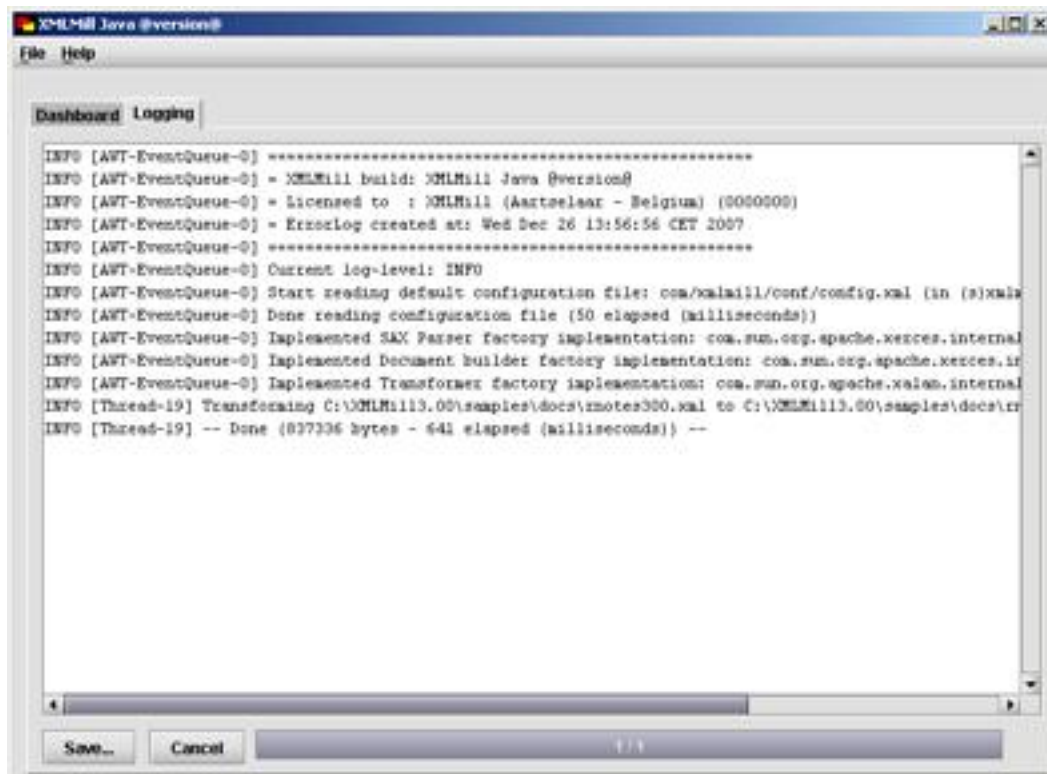
To generate the **.pdf** documents based on the **.xml / .xsl** examples do as follows:

1. Start XMLMill in interactive mode
2. Select the **Open...** button to select all **.xml** files.
3. Select the **Log...** button to select a directory where the **.log** file is written.
4. Select the **Convert...** button to start the generation process.

During generation the progress bar will indicate how many files have already been processed:



After the generation has finished the content of the log-file is displayed:



☞ All **.xml** files refer to their corresponding **.xsl** file so there is no need to select the **XSL** button.

☞ To know all elements/attributes valid in the **ml:** namespace please visit the **dtdguide** contained in the **docs** directory in the distribution.

3. Consulting java related examples

3.1. Overview

The examples in this chapter are not directly visible with XMLMill Interactive but show you how to use XMLMill in Java applications.

3.2. Directory: **samples/appl**

The **TestAppl.java** is an example showing how to use XMLMill in your Java application. Please consult chapter 10. XMLMill API in the **userguide.pdf** document for more information.

3.3. Directory: **samples/connector**

This directory contains an example of how to use XMLMill with Apaches Cocoon.

3.4. Directory: **samples/dom**

The **TestDOMXML.java** and **TestDOMXMLXSL.java** examples demonstrate how to use XMLMill with **org.w3c.dom.Document** instance as input for XML and XSL documents. Please consult chapter 15. XMLMill and DOM in the **userguide.pdf** document for more information.

3.5. Directory: **samples/jdbc**

The **TestJDBC.java** example demonstrates how to use XMLMill with a database to get data out of a regular (non-xml) database and generate a PDF document. Please consult chapter 13. XMLMill and JDBC in the **userguide.pdf** document for more information.

3.6. Directory: **samples/servlets**

This directory contains some examples to demonstrate how to use XMLMill in a servlet environment. Please consult chapter 11. XMLMill and Servlets in the **userguide.pdf** document for more

information.

3.7. Directory: `samples/threads`

This directory contains an example to demonstrate that XMLMill is Thread-safe. Please consult chapter 17. **Multi-threading** in the **`userguide.pdf`** document for more information.

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