

Journal Publishing 3.0 Preview Stylesheets: Quick Start Guide

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Introduction

- For preview display of articles tagged using version 3.0 of the Journal Publishing tag set
- Assumes citations follow either NLM/Pubmed or APA style
- Additional assumptions and limitations are described in the User's Guide for these stylesheets
- Technical details, including a more precise description of technical dependencies, alternative ways to deploy and apply these stylesheets, and how to extend and modify stylesheets, are described in Technical documentation

Decisions

1. Do you want HTML/CSS, or PDF?
2. Should unformatted citations be formatted in NLM/Pubmed format or APA format?

Running the stylesheet

1. Identify the XSLT 2.0 stylesheet supporting the citation format of your choice in the table below
2. Apply the stylesheet to a valid NLM/NCBI Journal Publishing 3.0 document, or a subdirectory of such documents, using a recent version of Saxon (a freely available XSLT 2.0 processor).

When you run the stylesheet, messages will be echoed to your console reporting on progress. If any warnings are offered stating you are running an XSLT 1.0 stylesheet with a 2.0 processor, have no concern: this is by design.

3. When the result format is HTML, copy `jpub-preview.css` to the file system next to the result file(s)
4. When the result format is XSL-FO, run the result file(s) in an XSL-FO formatter

Stylesheets by format

Note: these stylesheets are "wrappers" (or "shells") that call other stylesheets in the distribution. Other wrappers are also included, demonstrating specialized applications, including generating XHTML to support the display of W3C MathML in conformant browsers. See the User's Guide and the Technical documentation for more details.

	Output format NLM/Pubmed citations	APA citations
HTML	<code>jpub3-PMCcit-html.xsl</code>	<code>jpub3-APAcit-html.xsl</code>
PDF	<code>jpub3-PMCcit-xslfo.xsl</code>	<code>jpub3-APAcit-xslfo.xsl</code>

Example

1. HTML output is desired.
 2. The user determines that the data includes citations in APA format, and wishes citation support according to APA guidelines.
 3. The appropriate stylesheet to use is `jpub3-APAcit-html.xsl`
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Invoking SaxonB 9 from the command line

Saxon is a Java application and requires Java to be installed. Java 1.4 is required; at least Java 1.5 is preferred. Saxon 9 is also available within a number of different toolkits and XML editing environments, which provide their own user interfaces to the tool. If SaxonSA is used, the command line will be different. See the Saxon documentation at <http://saxonica.com/documentation/index/intro.html> for more details.

From the command line, SaxonB (the free version of the product) may be invoked as follows (on one line):

```
c:\Projects\NLM3\xmlfiles> java -jar "c:\path\to\saxon9.jar"  
-o mydocument.html mydocument.xml NLM3-APAcit-html.xsl
```

Within the `c:\Projects\NLM3\xmlfiles` subdirectory, this will generate an output document `mydocument.html` from the input `mydocument.xml`.

MS Windows path syntax is used in this example; adjust accordingly for your system.

4. The user invokes Saxon to apply `jpub3-APAcit-html.xsl` to the source document or documents (as described in the box, Invoking SaxonB 9 from the command line)
5. The user copies `jpub-preview.css` into the subdirectory containing the results
6. HTML file output is now ready to be opened in a browser