

NAME

xsltproc – command line xslt processor

SYNOPSIS

```
xsltproc [-V | -v | -o file | --timing | --repeat | --debug | --novalid | --noout | --maxdepth val |  
--html | --docbook | --param name value | --nonet | --warnnet | --catalogs | --xinclude | --profile]  
[stylesheet] [file1] [file2] [ ... ]
```

INTRODUCTION

xsltproc is a command line tool for applying XSLT stylesheets to XML documents. It is part of libxslt, the XSLT C library for GNOME. While it was developed as part of the GNOME project, it can operate independently of the GNOME desktop.

xsltproc is invoked from the command line with the name of the stylesheet to be used followed by the name of the file or files to which the stylesheet is to be applied.

If a stylesheet is included in an XML document with a Stylesheet Processing Instruction, no stylesheet need be named at the command line. xsltproc will automatically detect the included stylesheet and use it.

By default, output is to stdout. You can specify a file for output using the **-o** option.

OPTIONS

-V or **--version** - Show the version of libxml and libxslt used.

-v or **--verbose** - Output each step taken by xsltproc in processing the stylesheet and the document.

-o or **--output *file*** - Direct output to the file named *file*. For multiple outputs, also known as "chunking", **-o *directory*/** directs the output files to a specified directory. The directory must already exist.

--timing - Display the time used for parsing the stylesheet, parsing the document and applying the stylesheet and saving the result. Displayed in milliseconds.

--repeat - Run the transformation 20 times. Used for timing tests.

--debug - Output an XML tree of the transformed document for debugging purposes.

--novalid - Skip loading the document's DTD.

--noout - Do not output the result.

--maxdepth *value* - Adjust the maximum depth of the template stack before libxslt concludes it is in an infinite loop. The default is 500.

--html - The input document is an HTML file.

--docbook - The input document is DocBook SGML.

--param *name value* - Pass a parameter of name *name* and value *value* to the stylesheet. You may pass multiple name/value pairs up to a maximum of 8. .PP If the value being passed is a string rather than a node identifier, it must be escaped in quotes, as follows: .PP xsltproc --param rootid '"introduction"' *stylesheet file*

--nonet - Do not use the Internet to fetch DTD's or entities.

--warnnet - Output notification when DTD's or entities are fetched over the Internet.

--catalogs - Use catalogs to resolve the location of external entities. This speeds DTD resolution. By having a catalog file point to a local version of the DTD, xsltproc does not have to use the Internet to fetch the DTD. xsltproc uses the catalog identified by the environmental variable **SGML_CATALOG_FILES**.

--xinclude - Process the input document using the Xinclude specification. More details on this can be found in the Xinclude specification: <http://www.w3.org/TR/xinclude/>: <http://www.w3.org/TR/xinclude/>

--profile or **--norman** - Output profiling information detailing the amount of time spent in each part of the stylesheet. This is useful in optimizing stylesheet performance.

RETURN VALUES

xsltproc's return codes provide information that can be used when calling it from scripts.

0: normal

1: no argument

2: too many parameters

3: unknown option

4: failed to parse the stylesheet

5: error in the stylesheet

6: error in one of the documents

7: unsupported xsl:output method

MORE INFORMATION

libxml web page: <http://www.xmlsoft.org/>: <http://www.xmlsoft.org/>

W3C XSLT page: <http://www.w3.org/TR/xslt>: <http://www.w3.org/TR/xslt>

AUTHOR

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NAME

libexslt – extension library for XSLT

DESCRIPTION

The *libexslt* library is used to do provide extensions to XSLT functions. These extensions come from the EXSLT project (<http://exslt.org/>)

CALLING

To make use of these functions XSLT, these need to be declared with the proper name space

SUPPORTED FUNCTIONS**COMMON**

Namespace: <http://exslt.org/common>

node-set()	convert the given RTF into a node-set
object-type()	returns the type of the given argument
document()	Create multiple output documents. See http://exslt.org/exsl/elements/document/index.html

MATH

Namespace: <http://exslt/math>

For a description see <http://exslt.org/math/index.html>

min()
max()
highest()
lowest()

SETS

Namespace <http://exslt.org/sets>

For a description see <http://exslt.org/set/index.html>

difference()
intersection()
distinct()
has-same-node()
leading()
trailing()

FUNCTIONS

Namespace <http://exslt.org/functions>

For a description see <http://exslt.org/func/index.html>

function()
result()

FILES

/usr/lib/libxslt_0.0.0/libexslt.a	static library
/usr/lib/libxslt_0.0.0/libexslt.so	sharable library

AUTHORS

Manual page by Heiko W. Rupp (hwr@pilhuhn.de)

SEE ALSO

libxslt(4), libxml(4), xsltproc(1), xmllint(1)

NAME

libxslt – library used to do XSL transformations on XML documents

DESCRIPTION

The *libxslt* library is used to do XSL transformations on XML documents that have been loaded into memory with functions from *libxml*.

FILES

<code>/usr/lib/libxslt_1.0.0/libxslt.a</code>	static library
<code>/usr/lib/libxslt_1.0.0/libxslt.so</code>	sharable library
<code>/usr/package/libxslt_1.0.0/bin/xsltproc</code>	binary application to do XSL transformations on the command line

AUTHORS

Daniel Veillard (daniel@veillard.com). If you download and install this package look at instructions on the Web site <http://xmlsoft.org/XSLT/>. Manual page by Heiko W. Rupp (hwr@pilhuhn.de)

SEE ALSO

libexslt(4), *libxml*(4), *xsltproc*(1), *xmllint*(1)