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Rocky Enterprise Linux 9.2 Manual Pages on command 'xsltproc.1'

$ man xsltproc.1

XSLTPROC(1)   xsltproc Manual   XSLTPROC(1)

NAME

   xsltproc - command line XSLT processor

SYNOPSIS

   xsltproc [[-V | --version] [-v | --verbose] [{-o | --output} {FILE |

        DIRECTORY}] | --timing | --repeat | --debug | --novalid |

        --noout | --maxdepth VALUE | --maxvars VALUE |

        --maxparserdepth VALUE | --huge | --seed-rand VALUE | --html |

        --encoding ENCODING | --param PARAMNAME PARAMVALUE |

        --stringparam PARAMNAME PARAMVALUE | --nonet |

        --path "PATH(S)" | --load-trace | --catalogs | --xinclude |

        --xincludestyle | [--profile | --norman] | --dumpextensions |

        --nowrite | --nomkdir | --writesubtree PATH | --nodtdattr]

        [STYLESHEET] {XML-FILE... | -}

DESCRIPTION

   xsltproc is a command line tool for applying XSLT stylesheets to XML

   documents. It is part of libxslt(3), 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. It will use the standard input if a filename provided is - .

If a stylesheet is included in an XML document with a Stylesheet Processing Instruction, no stylesheet need to 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 or --output option.

OPTIONS

xsltproc accepts the following options (in alphabetical order):

--catalogs

Use the SGML catalog specified in SGML_CATALOG_FILES to resolve the location of external entities. By default, xsltproc looks for the catalog specified in XML_CATALOG_FILES. If that is not specified, it uses /etc/xml/catalog.

--debug

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

--dumpextensions

Dumps the list of all registered extensions on stdout.

--html

The input document is an HTML file.

--load-trace

Display all the documents loaded during the processing to stderr.

--maxdepth VALUE

Adjust the maximum depth of the template stack before libxslt(3) concludes it is in an infinite loop. The default is 3000.

--maxvars VALUE

Maximum number of variables. The default is 15000.

--maxparserdepth VALUE

Maximum element nesting level of parsed XML documents. The default is 256.

--huge

Relax hardcoded limits of the XML parser by setting the XML_PARSE_HUGE parser option.

--seed-rand VALUE

Initialize pseudo random number generator with specific seed.

--nodtdattr

Do not apply default attributes from the document's DTD.

--nomkdir

Refuses to create directories.

--nonet

Do not use the Internet to fetch DTDs, entities or documents.

--noout

Do not output the result.

--novalid

Skip loading the document's DTD.

--nowrite

Refuses to write to any file or resource.

-o or --output FILE | DIRECTORY

Direct output to the given FILE. Using the option with a DIRECTORY directs the output files to the specified directory. This can be useful for multiple outputs (also known as "chunking") or manpage processing.

Important

The given directory must already exist.

Note

Make sure that FILE and DIRECTORY follow the ?URI reference computation? as described in RFC 2396 and laters. This means, that e.g. -o directory will maybe not work, but -o directory/ will.

--encoding ENCODING

Allow to specify the encoding for the input.

--param PARAMNAME PARAMVALUE

    Pass a parameter of name PARAMNAME and value PARAMVALUE to the

    stylesheet. You may pass multiple name/value pairs up to a maximum

    of 32. If the value being passed is a string, you can use

    --stringparam instead, to avoid additional quote characters that

    appear in string expressions. Note: the XPath expression must be

    UTF-8 encoded.

--path "PATH(S)"

    Use the (space- or colon-separated) list of filesystem paths

    specified by PATHS to load DTDs, entities or documents. Enclose

    space-separated lists by quotation marks.

--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.

--repeat

    Run the transformation 20 times. Used for timing tests.

--stringparam PARAMNAME PARAMVALUE

    Pass a parameter of name PARAMNAME and value PARAMVALUE where

    PARAMVALUE is a string rather than a node identifier. Note: The

    string must be UTF-8 encoded.

--timing

    Display the time used for parsing the stylesheet, parsing the

    document and applying the stylesheet and saving the result.

    Displayed in milliseconds.

-v or --verbose

    Output each step taken by xsltproc in processing the stylesheet and

    the document.

-V or --version

    Show the version of libxml(3) and libxslt(3) used.

--writesubtree PATH

    Allow file write only within the PATH subtree.

--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/

--xincludestyle

Process the stylesheet with XInclude.

ENVIRONMENT

SGML_CATALOG_FILES

SGML catalog behavior can be changed by redirecting queries to the

user's own set of catalogs. This can be done by setting the

SGML_CATALOG_FILES environment variable to a list of catalogs. An

empty one should deactivate loading the default /etc/sgml/catalog

catalog.

XML_CATALOG_FILES

XML catalog behavior can be changed by redirecting queries to the

user's own set of catalogs. This can be done by setting the

XML_CATALOG_FILES environment variable to a list of catalogs. An

empty one should deactivate loading the default /etc/xml/catalog

catalog.

DIAGNOSTICS

xsltproc return codes provide information that can be used when calling

it from scripts.

0

No error (normal operation)

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

8

    String parameter contains both quote and double-quotes

9

    Internal processing error

10

    Processing was stopped by a terminating message

11

    Could not write the result to the output file

SEE ALSO

libxml(3), libxslt(3)

More information can be found at

?   libxml(3) web page http://www.xmlsoft.org/

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

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