NAME

mono-xmltool − Mono XML validation and transformation tool.

SYNOPSIS

mono-xmltool --validate [*.rng | *.rnc | *.nvdl | *.xsd] [instances]

mono-xmltool --validate-rng relax-ng-grammar-xml [instances]

mono-xmltool --validate-rnc relax-ng-compact-grammar-file [instances]

mono-xmltool --validate-nvdl nvdl-script-xml [instances]

mono-xmltool --validate-xsd xml-schema [instances]

mono-xmltool --transform stylesheet instance-xml

mono-xmltool --prettyprint [source [result]]

DESCRIPTION

mono-xmltool is a command line front end for various functions available in the Mono XML class libraries. It currently it offers validation with various different kinds of schemas, xslt transformations and pretty printing.

XML VALIDATION

mono-xmltool can validate a given set of XML files (the instances parameter) using the given schema file. Currently supported schema files include Relax NG (*.rng), Compact Relax NG (*.rnc), Namespace-based Validation Dispatching Language (*.nvdl) and XML Schema (*.xsd).

If invoked with the --validate argument, Mono will use the filename extension to guess the kind of validation required. The --validate-xxx flags would force a specific kind of validation.

The following lists the flags and the actual class that implements them in Mono:

--validate-rng

Commons.Xml.Relaxng.RelaxNgPattern as the schema, and Commons.Xml.Relaxng.RelaxngValidatingReader validator.

--validate-rnc

Commons.Xml.Relaxng.RncParser as the schema, and Commons.Xml.Relaxng.RelaxngValidatingReader validator.

--validate-nvdl

Commons.Xml.Nvdl as the schema and Commons.Xml.NvdlValidatingReader validator.

--validate-xsd

System.Xml.Schema.XmlSchema as the schema and uses System.Xml.XmlValidatingReader as the validator.

TRANSFORMATIONS

This does an XSLT transformation. The stylesheet must be an XSLT file, the instance-xml is the document to be processed. Output it sent to the standard output.

PRETTY PRINTING

Produces a pretty-print rendering of the *source* file. If it is not specified it reads the standard input. If *result* is not specified, the output is sent to the standard output.

MAILING LISTS

Mailing lists are listed at the http://www.mono-project.com/community/help/mailing-lists/

WEB SITE

http://www.mono-project.com

SEE ALSO

mono(1),mcs(1).