

XML::Xerces Sample: DOM Validator

Table of contents

1 Sample: DOM Validator.....	2
1.1 DOM Validator.....	2

1. Sample: DOM Validator

1.1. DOM Validator

DOM Validator is a simple application that parses an XML input file using a DOM parser and reports validation errors to STDERR in the same format as onsgmls so that it can be used for example in Emacs locating the errors in the source file.

1.1.1. Running DOM Validator

The DOM Validator sample parses an XML file and prints any errors to STDERR. To run DOM Validator, enter the following

```
perl validator-dom.pl <XML File>
```

The following parameters may be set from the command line

```
Usage:
  perl validator-dom.pl [options]

This program invokes the DOM Parser, and then prints any errors to
STDERR.

required flags:
  --file=file_name : the XML file to parse

optional parameters:
  --namespace      : enable namespace checking
  --schema         : parse a W3C XML Schema file (forces --namespace)
  --full_schema   : do full schema checking (forces --namespace and
--schema)
  --help          : print this message
```

Here is a sample output from DOM Validator

```
cd samples
perl validator-dom.pl --file=personal-invalid.xml
validator-dom.pl:[/home/jasons/work/xml-xerces/samples/personal-invalid.xml]:19:8:E:Unk
element 'fool'
validator-dom.pl:[/home/jasons/work/xml-xerces/samples/personal-invalid.xml]:19:12:E:At
'id' is not declared for element 'fool'
validator-dom.pl:[/home/jasons/work/xml-xerces/samples/personal-invalid.xml]:43:13:E:El
'fool' is not valid for content model: '(person)+'
validator-dom.pl:[/home/jasons/work/xml-xerces/samples/personal-invalid.xml]:43:13:E:ID
attribute 'two.worker' was referenced but never declared
```