

# XML::Xerces Sample: DOMCount

## Table of contents

1 Sample: DOMCount.....	2
1.1 DOMCount.....	2

## 1. Sample: DOMCount

### 1.1. DOMCount

DOMCount uses the provided DOM API to parse an XML file, constructs the DOM tree and walks through the tree counting the elements (using just one API call).

#### 1.1.1. Running DOMCount

The DOMCount sample parses an XML file and prints out a count of the number of elements in the file. To run DOMCount, enter the following

```
perl DOMCount.pl <XML file>
```

The following parameters may be set from the command line

Usage:

```
perl DOMCount.pl [options] <XML file | List file>
```

This program invokes the DOM parser, builds the DOM tree, and then prints the number of elements found in each XML file.

Options:

```
-l          Indicate the input file is a List File that has a list of
xml files.
           Default to off (Input file is an XML file).
-v=xxx     Validation scheme [always | never | auto*].
-n         Enable namespace processing. Defaults to off.
-s         Enable schema processing. Defaults to off.

-h         Show this help.
```

\* = Default if not provided explicitly.

-v=*always* will force validation

-v=*never* will not use any validation

-v=*auto* will validate if a DOCTYPE declaration or a schema declaration is present in the XML document

Here is a sample output from DOMCount

```
cd samples/data
perl DOMCount.pl -v=always personal.xml
personal.xml: 20 ms (37 elems)
```

#### Note:

The time reported by the system may be different, depending on your processor type.

