

XPathTool

Overview

XPathTool.java allows command line parsing of an xml file. It is used in the [env](#) script to parse the [vivo.xml](#) file.

Short Option	Long Option	Parameter Value Map	Description	Required
x	xml-file	XML_FILE	path to xml file to read data from	true
e	expression	XPATH_EXPRESSION	xpath expression to export	true

Usage

Define Alias

```
XPathTool="java $OPTS -Dprocess-task=XPathTool org.vivoweb.harvester.util.XPathTool"
```

Invocation

```
USERNAME=`$XPathTool -e "/Model/Param@name='dbUser'" -x "config/models/vivo.xml"`
```

Methods

getXPathResult

1. Create a DocumentBuilderFactory
2. Create Document object (*from the xml file provided in the -x argument above*)
3. Compile XPath expression and evaluate it against the document
4. Return the XPath results