

XMLGrep

Overview

XMLGrep.java greps for a particular XPath expression in a XML file and on success it moves the file from the source folder to a destination folder. It is currently used in the People Ingest to grep for an XPath expression and move files from source to destination.

Short Option	Long Option	Parameter Value Map	Description	Required
s	src-dir	SRC_DIRECTORY	SRC directory to read files from	true
d	dest-dir	DEST_DIRECTORY	DEST directory to write files to	true
a	alt-dest	ALT_DESTINATION_DIRECTORY	Alternate destination for files that failed to match expression	false
n	tag-name	TAG_NAME	TAG Name to Search for	false
v	tag-value	TAG_VALUE	TAG value to Search for	true

Usage

Define Alias

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

Invocation

```
USERNAME=`$XMLGrep -s "soapsrc/" -d "soapdest/" -n "IGNORE" -v "YES" `
```

Methods

execute

1. Find all non-folder files in the SRC Directory
2. For each file
 - a. Search for XPath expression using findInFile
 - b. if found:
 - i. move the XML file from source directory to destination directory using moveFile
 - c. if not:
 - i. move the XML file from source directory to alternate-destination directory (if provided) using moveFile

findInFile

1. Call the XPathTool Utility with the XPath expression
2. Return true if XPath expression found else return false

moveFile

1. verify the destination folder, create it if not existing
2. move file from source to specified destination.