VIVO Photo Data Generator

Description	Command line to bulk load images to VIVO
Type	ingest
Status	DRAFT
Owner	Muhammad Javed
Language	Java
Team	
Location	https://github.com/mjaved495/VIVOPhotoDataGenerator
License	

Goals

- To generate the RDF triples and the file directories required for a person photo to be displayed on VIVO profile page.

Description

The gitHub repository consists of source code files (that uses Jena libraries - https://jena.apache.org/) as well as a self-contained runnable jar file that can be used separately.

How to run jar file:

Run the jar file as below:

```
java -jar VIVOPhotoLinksGenerator.jar <InputFolderPath> <OutputFolderPath> <PrsonURINamesapce>
```

For example

```
java -jar VIVOPhotoLinksGenerator.jar /document/photos/input/ /document/photos/output/ http://vivo.cornell.edu
/individual/
```

Input Folder

Input Folder should contain the person photos in jpg format. The jpg file name must match with the localname of a person's URI. For example if a person's URI is http://scholars.cornell.edu/individual/mj495 , then jpg filename must be mj495.jpg. This is how we generate person URIs and link them to the photos.

Output Folder

At the end of jar file execution, output folder should contain the 1) .nt triple file (that should go in triplestore) and 2) a folder named as "file". The subdirectories of the "file" folder should be copied in VIVO (/file_storage_root/a~n/).

** Do not copy the complete "file" folder, but only the subdirectories.

Default Person URI

If no URI is given as Java runtime parameter, the default person URI is set to `http://scholars.cornell.edu/individual/`

Documentation

Notes

- *How to run jar file periodically*:

  There may be the cases when new persons are added in a VIVO instance and one wants to add their photos. All one needs to do is to add their photos (with correct image names) in input folder. The program will automatically check which photos has already been processed (by looking into output/file folder. At the end of the jar file execution, a new triple file will be added in the output folder. Currently the file directories will be added in existing output/file folder. This part of code can be updated in furture.