devkit

mvn archetype
generates mule cloud connector projects

pre-reqs

- mvn

generate mvn project

```
mvn archetype:generate -DarchetypeGroupId=org.mule.tools.devkit \
-DarchetypeArtifactId=mule-devkit-archetype-cloud-connector \
-DarchetypeVersion=3.3.2 -DgroupId=com.espn.mule.connector.sample \
-DartifactId=sample-mule-connector -Dversion=1.0-SNAPSHOT \
-DmuleVersion=3.3.0 -DmuleConnectorName=Sample \
-Dpackage=com.espn.mule.connector.sample \
-DarchetypeRepository=http://repository.mulesoft.org/releases
```

Folders

- doc
  - Sample mule config for every method in connector
- icons
  - Default set of icons for mule studio GUI
- src/main/java/package/name/from/devkit/command
  - Devkit package name
    - src/test/java/package/name/from/devkit/command
      - Devkit package name
- src/test/resources/
  - mule-config.xml flows used for unit tests go here

Cloud Connector XML Config

```xml
<phantomjs:config
  phantomjsBinary="/usr/local/bin/phantomjs"
  timeout="60"
  name="Phantomjs"
  doc:name="Phantomjs"
/>
```

@Configurable @Optional @Default

```java
/**
 * default phantomjs timeout
 */
@Configurable
@Optional
@Default("60")
int timeout = 60;
```

@Processor

```
/**
 * screenshot takes screenshots of webpages
 *
 * {@sample.xml ../../../doc/PhantomJs-connector.xml.sample phantomjs:screenshot}
 * @param url web address of the site you want to take a screenshot of
 * @return png image bytes
 * @throws Exception for url
 */
@Processor
public byte[] screenshot( String url ) throws Exception {
    return getPhantomJs().screenshot(url);
}
```