

Developer Notes

Building the Object Access Library and Visualizer webapp

Check out the visualizer, pdsObjectAccess and superpom projects

<http://starcell.jpl.nasa.gov/repo/2010/trunk/visualize/objectAccessSuperpom>

<http://starcell.jpl.nasa.gov/repo/2010/trunk/visualize/pdsObjectAccess>

<http://starcell.jpl.nasa.gov/repo/2010/trunk/visualize/visualizer>

cd objectAccessSuperpom

mvn clean install ; mvn site

configure visualizer.properties

Deploy to webapp.

Production

- As part of each deployment, edit visualizer.properties for the data top level entries, using the comment block in visualizer.properties. Note that topLevel paths outside of webapp may be get denied depending on your webapp config. If so, move the topLevel points to the webapp area.
- reload webapp and test
- Website (you must be over Ames VPN) <http://aweb3.arc.nasa.gov:8080/visualizer/>

Debug, etc

mvn clean gwt:compile -Dgwt.logLevel=DEBUG -Dgwt.style=PRETTY >/tmp/irene

log4j properties is embedded

code coverage: mvn cobertura:cobertura

Local Tomcat and NASA machines

- <http://localhost:8081/manager/html> (manager, manager)
- deploy <http://aweb3.arc.nasa.gov:8080/html> (pds/web) **!! you must VPN !!**
- edit visualizer.properties for the data top level entries, using the comment block in the properties file
- ssh login is not NDC ; Your User Name is: issmith1; Password hint Is: germanium
- tomcat is at /usr/local/apache-tomcat-5.5.27/webapps/pdsWeb
- aweb3 admin is Seltzer, Bert H.