

Argos API for Banner Installation Guide

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Platforms

Compiled and tested on Oracle Database 10g R2 - 10.2.0.4.0 - 64bit

Banner Web Tailor 8.3.4

Luminis 4.2.3 and 4.3.0

Manifest

- **argosapi**
 - Directory web assets including icons and JavaScript dependencies to be loaded onto public facing SSB server
- **db_scripts**
 - Install and uninstall scripts to create the tables and related objects in the Banner database
- **luminis_portlet**
 - Sample Luminis JSR-168 portlet designed exclusively for Luminis Platform V4.x. It will not work out of box in most environments as it is written for a Luminis platform with specific Tomcat modifications (*context.xml* and *server.xml*) to enable Banner JDBC connection pooling. The portlet is no good unless you can provide a Banner JDBC connection to the portlet.
- **sample_data**
 - Sample Excel files showing how records are organized in the ARGOS_API_FORMS and ARGOS_API_FIELDS tables. The both tables show a relationship in how a report is defined for API usage on the web.

Installation

1. Using your favorite Oracle IDE, or even SQL*PLUS, run the fhda-argos-api-install.sql script in a schema suitable for custom applications. The script will install tables, indexes, triggers, and the core package needed to implement the Argos API interface as demonstrated by Foothill-De Anza.
2. Copy the entire “argosapi” directory to the root web directory for the Banner instance where you are installing the database objects.
 - 2.1. For example: /u01/app/sghe/ssb/PROD/argosapi
 - 2.2. Web assets should be accessible publicly using relative URLs. For example /argosapi may equate to <http://ssb.yourinstitution.edu/argosapi>
3. Configure public synonym for the schema where ARGOS_WEB_V2 package is installed.
4. Grant execute privilege to WWW2_USER for the ARGOS_WEB_V2 package
5. Define a new procedure in web tailor for the procedure “argos_web_v2.P_MyReports”, and set up a menu item to access the provide.
6. Done! Of course you will need to define some reports. Use the developers guide also included in this package, and the sample data to further understand how reports can be set up.

Uninstallation

Use the `fhda-argos-api-uninstall.sql` to drop all of the database objects for the API integration. Delete the web assets from your SSB server. If you decided to use Luminis as part of the deployment, then you can safely delete the portlet/channel from the system and throw out the web directories in Tomcat.