AppWorx Tutorial

Getting Started

AppWorx is a web-based java application used to schedule and run jobs against the Banner database. It is supported by ECS.

To access AppWorx:
- Go directly to http://appworx.oregonstate.edu
- Go to the Banner page, http://banner.oregonstate.edu and click the AppWorx link
- Click the AppWorx link within Banner

You will need to use your ONID username and password to log into AppWorx.
The first page you will see is the Explorer page. Click the Backlog selection to see any jobs that are currently running or scheduled to run. This is where you will usually want to be to do your work.

**Submitting a Job**

To submit a job, go to the Request page. You can sort the jobs by selection or search directly by typing in the search box. Once you have found the job you want, click on it to select it and then click the Request button.
This will open the Submit page. The prompts area is where you will enter parameters for the job. The start date/time is current by default, but you can change it to run the job in the future. Click the Submit button once all required parameters are entered.

Most jobs consist of several pieces that are chained together. On the Explorer page you can watch as each piece of the chain waits, runs, and is finished. The job is complete when all pieces have finished and have moved from the Backlog into History.
To view the results of the job, double-click on parent of the chain. The Job Details page will show when the job was run, what parameters were used, and will also contain the output files. The Output Files tab will contain several files, most of which are logs. The output should also be emailed to the requester.

Releasing an Aborted Job

A job that has had issues running will appear in the Backlog with a red status of Aborted. The job will stay in the backlog, and cannot be run by anyone else, until it is released. To release the job, right-click on the parent and choose Delete. You can then look at the logs in the jobs Output Files to see why it aborted.

Searching for a Job

The History in AppWorx only shows the last ½ hour by default. However, every job that you run in AppWorx is stored for 500 days and is available by using a query.

To start a query, click Filter on the Explorer page toolbar and go to History Query. In the History Query you can search for the job using the Chains field, dates, or the job id. Note: The Current Day checkbox is checked by default. If you have a particular query that you use a lot, you can save it by assigning it a Filter Name.

Searching is also made easier by using the Task Name Suffix on the Submit page. AppWorx will append a task name suffix to the end of the job name. This makes it easier to identify jobs you have run with specific parameters. (I.e. SAR3500.Forestry)
Resubmitting Jobs

To resubmit a job, first search for it so that you can view it in your History. Once you have found the job that you would like to resubmit right-click on the parent and choose Request from the drop-down menu. This will take you to the Submit page where you can change the job parameters or leave them the same as before.

More Information

There is a lot of great information on AppWorx at the link below. ECS has created excellent tutorials and reference documents. Feel free to contact Ross Jackson, Carla Cogburn, or Patty Ross if you have any questions or run into any AppWorx issues.

http://oregonstate.edu/dept/computing/train/cbt/appworx/