

How to create Queue Webpage

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Step 1. Locate the source which is part of the main GenesisII project under the package

```
edu.virginia.vcgr.genii.pages
```

Step 2. The code that displays the graph website, takes a dynamic value from the queue database (on how many jobs have actually run) and adds it to an offset set in this class:

```
QueueInformation.java
```

You will want to change/update that offset/date to reflect what is appropriate for your new queue. I.e set it to the day you are bringing it up and 0 offset if it is fresh, or whatever The date of the previous Q and number of jobs at the time you switch over to have the number rollover to your new queue.

Step 3. After you have modified that you need to do an

```
ant clean
ant build
```

Step 4. Copy this <GENII-SOURCE>/dpages/pages.dar to

```
GENII_INSTALL_DIR/<deployments-path>/dynamic-pages/pages.dar on the queue
container
```

Step 5. Set or add this line

```
edu.virginia.vcgr.genii.container.dpages-port=<websiteport number>
```

```
in GENII_INSTALL_DIR/<deployments-path>/configuration/web-
container.properties
```

Step 6. Restart the container and it should now support the page.

Step 7. Create a queue resource on the queue container. Get the QueueID (resource key information) for the queue resource. This information can be obtained by 'ls -e <grid-queue-path>'

Example QueueID (resource key information) obtained from ls -e <grid-queue-path> output:

```
*
*
<ns8:resource-key xmlns:ns8="http://edu.virginia.vcgr.genii/ref-
params">B25CCF16-2915-AD1E-064C-D9BF6E687A83
</ns8:resource-key>
*
*
*
```

QueueID = B25CCF16-2915-AD1E-064C-D9BF6E687A83

Step 8. Now you can access the queue information from browser, see example below. Replace the host name, port# and queueID

`http://<hostname>:port#/pages/queue-info.html?queueID=B25CCF16-2915-AD1E-064C-D9BF6E687A83`

Hostname: The host machine on which queue container is running.

Port#: Any port on the host machine, make sure the port# is open on the host machine.