

Connector and DARwin Audits



The Connector depends on the DARS daemon and server to provide degree audits.

Three database connections are required to successfully produce degree audits through the Connector via **DARwin**, as indicated below:

1. DARS server (i.e., Cobol program)
2. DARS daemon (i.e., Java program)
3. Connector

Keep the following points in mind to minimize degree audit troubleshooting when installing the Connector:

- The Connector **must** interact with the **same JOB_QUEUE_xxx tables** as the **DARS daemon and server**.
- Degree audits for Transferology do not use the **STU_xxx tables**. Therefore, those tables do not need to be accessible by the DARS server, daemon, and Connector.

The **database user** for the **DARS daemon** (Java program) must have the following permissions:

- Select, insert, update, and delete on the JOB_QUEUE_xxx tables

The **database user** for the **DARS Server** (Cobol program) must have the following permissions:

- Select, insert, update, and delete on the JOB_QUEUE_xxx tables
- Select permission on the following DARwin tables:

```
CHART_CATEGORIES
COM
CRS_CONVERT
DPROG
DPROG_REQ
GMASTER
MASTREF
MASTREF_ADDRESS
MASTREF_SEG
REPEAT
REQ_MAIN
REQ_TEXT
REQ_XY
STRING
STRING_CRSE
SUB_REQ
SUB_REQ_AR
SUB_REQ_TEXT
TCA_MASTER
TCA_RULE
TCA_SOURCE
TCA_TARGET
```

Isolating the Connector from your Existing DARwin Audit Data

Some schools want to prevent the Connector from accessing the audit data contained in the JOB_QUEUE_xxx tables used by their existing DARS server. This is accomplished in the following tasks:

- Creating new JOB_QUEUE_xxx tables
- Creating a new DARS server and daemon
- Make sure the database user for the Connector has select, insert, update, and delete permissions on the newly created JOB_QUEUE_xxx tables
- Make sure the database user for the DARS daemon has select, insert, update, and delete permissions on the newly created JOB_QUEUE_xxx tables
- Make sure the database user for the DARS server (i.e., Cobol) has select, insert, update, and delete permissions on the newly created JOB_QUEUE_xxx tables as well as select permissions on the tables listed above

See [OWL-14766](#) for the Oracle scripts.