

Managing objects

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Connecting to the Reports database

You can connect to the Reports database directly by using `psql`, an interactive terminal program. After you make the connection, you can use SQL statements to extract or query the data without using a business intelligence tool.

⬇ Note:

- You do not have to follow this procedure if you use [Data Transmitters](#).

To verify that the Reports database is running, try to connect to it. If you get the `psql` command prompt, the database is running.

- To connect to the Reports database installed by RICOH ProcessDirector:
 - Log in to the primary computer as the system user (`aiw1`) and open a command line.
 - Enter the appropriate command below for the container engine to connect to the Reports database:
 - `docker exec -it rpd-reports-postgres psql -U username -d database`
or
 - `podman exec -it rpd-reports-postgres psql -U username -d database`
 Replace *database* with the name of the database that you specified in **Administration ⇒ Reports ⇒ Database Settings**. The default is `history`.
 Replace *username* with the user name that you specified in **Administration ⇒ Reports ⇒ Database Settings**. The default is `rpdreports`.
 - If prompted, enter the password that you specified in **Administration ⇒ Reports ⇒ Database Settings**.
 The `psql` command prompt `database=#` is displayed. If you specified `history` as the name of the database in the command, the command prompt is: `history=#`
 You now are connected to the Reports database.
 - To access the data, run SQL statements.
 - To exit `psql`, enter: `\q`
- To connect to the Reports database not installed by RICOH ProcessDirector:
 - Log in to the server hosting the reports database and open a command line as a user with access to PostgreSQL.
 - Change directories to the correct option for your system.
 - `/usr/pgsql-version/bin/`
Where *version* is the installed version of PostgreSQL.
 - Enter this command: `./psql database username`
 Replace *database* with the name of the database that you specified in **Administration ⇒ Reports ⇒ Database Settings**. The default is `history`.
 Replace *username* with the user name that you specified in **Administration ⇒ Reports ⇒ Database Settings**. The default is `rpdreports`.
 - If prompted, enter the password that you specified in **Administration ⇒ Reports ⇒ Database Settings**.
 The `psql` command prompt `database=#` is displayed. If you specified `history` as the name of the database in the command, the command prompt is: `history=#`
 You now are connected to the Reports database.
 - To access the data, run SQL statements.
 - To exit `psql`, enter: `\q`
- To connect to the Reports database:
 - Log in to the server hosting the reports database and open a command prompt as a user with access to PostgreSQL.
 - Change directories to the correct option for your system.
 - `C:\aiw\aiw1\bin\postgresql\Windows\pgsql\bin`
or
 - `<RPD Install Directory>\PostgreSQL\bin\`
 - Enter this command: `./psql database username`
 Replace *database* with the name of the database that you specified in **Administration ⇒ Reports ⇒ Database Settings**. The default is `history`.
 Replace *username* with the user name that you specified in **Administration ⇒ Reports ⇒ Database Settings**. The default is `rpdreports`.
 - If prompted, enter the password that you specified in **Administration ⇒ Reports ⇒ Database Settings**.

The `psql` command prompt `database=#` is displayed. If you specified `history` as the name of the database in the command, the command prompt is: `history=#`

You now are connected to the Reports database.

5. To access the data, run SQL statements.

6. To exit `psql`, enter: `\q`

Parent topic: [Working with data in the Reports database](#)