

PostgreSQL Connection

Connection to a PostgreSQL database.

Main Settings

Host: The host name (DNS name) or the IP address of the server on which the database is located.

Port: The TCP/IP port number used by the database.

User Name: User name for the connection to the database.

Password: Password for the connection to the database.

Database: Name, schema, or instance of the relational database..

Advanced Settings

Fetch For a PostgreSQL database, you can adjust the fetch mode as follows:

Mode:

- Buffered (default): the query result is returned with buffering. In this case, no parallel queries to the same PostgreSQL Server are possible.
- Full: PostgreSQL returns the query result in one block. This is potentially slower, with higher memory consumption. It should only be set if the connection is used in several components that are processed in parallel during a load, e.g. several PostgreSQL extracts that are joined in a transform, an extract, and a load on the same PostgreSQL connection or when using parallel jobs. (Note that in those cases, if the fetch mode is not set to "full" this might lead to an error message: "postgresql portal <x> does not exist".)

Additional JDBC parameters can be set in advanced settings.

Note:

- For loading to PostgreSQL database the JDBC parameter "tcpKeepAlive" may have to be set to "true" if a firewall is used, which closes the IP channel after a certain duration

of inactivity. Otherwise the error message “An I/O error occurred while sending to the backend” may occur during the load.
