

# Create new database pools

[← Configuring DB2 datasource](#)

[↑ Configuring database pools](#)

[Import database pools from JBoss 4 →](#)

You can create new pools by clicking on the **Using the Geronimo database pool wizard** link on the Database Pools portlet. This wizard will guide you through a four easy steps procedure.

First you need to specify the name of the database pool and the database type.

**Database Pools** [view]

**Create Database Pool -- Step 1: Select Name and Database**

**Name of Database Pool:**   
A name that is different than the name for any other database pools in the server (no spaces in the name please).

**Database Type:**   
The type of database the pool will connect to.

[Cancel](#)

Then you select the JDBC drivers which, by default, it has been pre-filled based on the database type you selected in the previous step. You also have to select the driver JAR from the scroll-down menu and then specify the database name. For this example a **test** database was previously created, this is a single step procedure and it is explained in [Create a database](#).

## Create Database Pool -- Step 2: Select Driver, JAR, Parameters

**JDBC Driver Class:**

See the documentation for your JDBC driver.

**Driver JAR:**

The JAR(s) required to make a connection to the database. Use CTRL-click or SHIFT-click to select multiple jars.

The JAR(s) should already be installed under GERONIMO/repository/ (or [Download a Driver](#))

**DB User Name:**

The username used to connect to the database

**DB Password:**

**Confirm Password:**

The password used to connect to the database

**Driver Connection Properties**

**Typical JDBC URL:**

**Database:**

A property used to connect to Derby embedded. May be optional (see JDBC driver documentation).

[Next](#)

[Cancel](#)

The following step lets you configure some connection parameters such as pool size (min and max) and timeouts. Once you are satisfied with the parameters click on **Test Connection**.

Database Pools

[view]

Create Database Pool -- Step 3: Final Pool Configuration

JDBC Connect URL:

Make sure the generated URL fits the syntax for your JDBC driver.

Driver Status:

Loaded Successfully

Connection Pool Parameters

Pool Min Size:

The minimum number of connections in the pool. Leave blank for default.

Pool Max Size:

The maximum number of connections in the pool. Leave blank for default.

Blocking Timeout:

(in milliseconds)

The length of time a caller will wait for a connection. Leave blank for default.

Idle Timeout:

(in minutes)

How long a connection can be idle before being closed. Leave blank for default.

Test Connection

Skip Test and Deploy

Skip Test and Show Plan

[Cancel](#)

When you successfully tested the connection, click on **Deploy**. Alternatively you can click on **Show Plan**, this option shows you the deployment plan for this database pool and lets you edit it. Additional instructions on how to manually deploy a DB plan may be found in the [Configuring DB2 Datasource](#) section.

Database Pools

[view]

Create Database Pool -- Step 4: Test Connection

Test Result:

Connected to Apache Derby 10.2.2.0 - (485682)

Deploy

Show Plan

[Cancel](#)