

<https://jdbc.postgresql.org/download/>

```
$ cd \DevEnv\payara-5.2022.5\payara5\bin
```

```
$ asadmin start-domain
```

```
$ asadmin add-library c:\Users\schmi\Downloads\postgresql-42.5.1.jar
```

```
$ asadmin create-jdbc-connection-pool --datasourceclassname  
org.postgresql.ds.PGSimpleDataSource --restype javax.sql.DataSource --property  
user=ue:password=ue2018:DatabaseName=ue:ServerName=titus.isl.be:port=5432 uePool
```

```
$ asadmin set resources.jdbc-connection-  
pool.uePool.property.URL=jdbc:postgresql://titus.isl.be:5432/ue
```

```
$ asadmin set resources.jdbc-connection-pool.uePool.property.driverClass=org.postgresql.Driver
```

```
$ asadmin create-jdbc-resource --connectionpoolid uePool ue
```

```
C:\DevEnv>cd \DevEnv\payara-5.2022.5\payara5\bin  
  
C:\DevEnv\payara-5.2022.5\payara5\bin>asadmin start-domain  
janv. 12, 2023 10:53:06 AM com.sun.enterprise.admin.launcher.GFLauncherLogger warning  
WARNING: You are running the product on an unsupported JDK version and might see unexpected results or exceptions.  
Waiting for domain1 to start .....  
Successfully started the domain : domain1  
domain Location: C:\DevEnv\payara-5.2022.5\payara5\glassfish\domains\domain1  
Log File: C:\DevEnv\payara-5.2022.5\payara5\glassfish\domains\domain1\logs\server.log  
Admin Port: 4848  
Command start-domain executed successfully.
```

```
C:\DevEnv\payara-5.2022.5\payara5\bin>asadmin add-library c:\Users\schmi\Downloads\postgresql-42.5.1.jar  
Command add-library executed successfully.
```

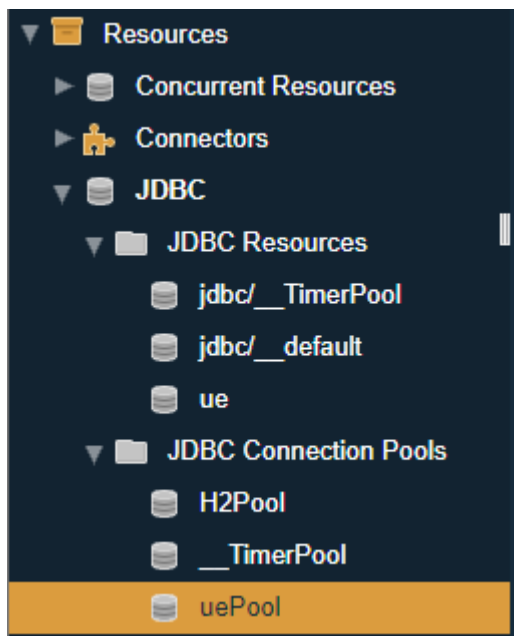
```
C:\DevEnv\payara-5.2022.5\payara5\bin>asadmin create-jdbc-connection-pool --datasourceclassname org.postgresql.ds.PGSimpleDataSource --restype javax.sql.DataSource --property user=ue:password=ue2018:DatabaseName=ue:ServerName=titus.isl.be:port=5432 uePool  
JDBC connection pool uePool created successfully.  
Command create-jdbc-connection-pool executed successfully.
```

```
C:\DevEnv\payara-5.2022.5\payara5\bin>asadmin set resources.jdbc-connection-pool.uePool.property.URL=jdbc:postgresql://titus.isl.be:5432/ue  
resources.jdbc-connection-pool.uePool.property.URL=jdbc:postgresql://titus.isl.be:5432/ue  
Command set executed successfully.
```

```
PS C:\DevEnv\payara-5.2022.5\payara5\bin> .\asadmin set resources.jdbc-connection-pool.uePool.property.driverClass=org.postgresql.Driver  
resources.jdbc-connection-pool.uePool.property.driverClass=org.postgresql.Driver  
Command set executed successfully.
```

```
C:\DevEnv\payara-5.2022.5\payara5\bin>asadmin create-jdbc-resource --connectionpoolid uePool ue  
JDBC resource ue created successfully.  
Command create-jdbc-resource executed successfully.
```

<http://localhost:4848/common/index.jsf>



GeneralAdvancedAdditional Properties

Edit JDBC Connection Pool

SaveCancel

Modify an existing JDBC connection pool. A JDBC connection pool is a group of reusable connections for a particular database.

Load DefaultsFlushPing

* Indicates required field

General Settings

Pool Name:

uePool

Resource Type:

javax.sql.DataSource

Must be specified if the datasource class implements more than 1 of the interface.

Datasource Classname:

org.postgresql.ds.PGSimpleDataSource

Vendor-specific classname that implements the DataSource and/or XADataSource APIs

Driver Classname:

Vendor-specific classname that implements the java.sql.Driver interface.

Ping:

☒ Enabled

When enabled, the pool is pinged during creation or reconfiguration to identify and warn of any erroneous values for its attributes

Deployment Order:

100

Specifies the loading order of the resource at server startup. Lower numbers are loaded first.

Description:

Pool Settings

Initial and Minimum Pool Size:

8

Connections

General

Advanced

Additional Properties

Edit JDBC Connection Pool Advanced Attributes

Save

Cancel

Modify an existing JDBC connection pool. A JDBC connection pool is a group of reusable connections for a particular database.

Load Defaults

Pool Name: uePool

Statement Timeout: -1 Seconds

Timeout property of a connection to enable termination of abnormally long running queries. -1 implies that it is not enabled.

Statement Cache Size: 0

Caching is enabled when set to a positive non-zero value (for example, 10)

Init SQL:
Specify a SQL string to be executed whenever a connection is created from the pool

Slow Query Log Threshold: -1 Seconds

SQL queries that exceed this time in seconds will be logged. Any value ≤ 0 disables Slow Query Logging

Log JDBC Calls: ☐ Enabled

When set to true, all JDBC calls will be logged allowing tracing of all JDBC interactions including SQL

SQL Trace Listeners: fish.payara.jdbc.SilentSqlTraceListener

Comma-separated list of classes that implement the `org.glassfish.api.jdbc.SQLTraceListener` interface

Wrap JDBC Objects: ☒ Enabled

When set to true, application will get wrapped jdbc objects for Statement, PreparedStatement, CallableStatement, ResultSet, DatabaseMetaData

Pooling: ☒ Enabled

GeneralAdvancedAdditional Properties

✓ New values successfully saved.

Edit JDBC Connection Pool Properties

SaveCancel

Modify properties of an existing JDBC connection pool.

Pool Name: uePool

Additional Properties (8)

Add PropertyDelete Properties

Select	Name	Value	Description
<input type="checkbox"/>	password	ue2018	
<input type="checkbox"/>	databaseName	ue	
<input type="checkbox"/>	serverName	titus.isl.be	
<input type="checkbox"/>	user	ue	
<input type="checkbox"/>	portNumber	5432	
<input type="checkbox"/>	driverClass	org.postgresql.Driver	
<input type="checkbox"/>	host	titus.isl.be	
<input type="checkbox"/>	URL	jdbc:postgresql://titus.isl.be:5432/ue	

<https://www.youtube.com/watch?v=hOsgih37UnY>

<https://blog.payara.fish/administering-payara-server-5-with-the-cli>

<https://glassfish.org/docs/5.1.0/reference-manual/create-jdbc-resource.html>

<https://docs.payara.fish/community/docs/documentation/user-guides/connection-pools/connection-pools.html>

<https://docs.payara.fish/enterprise/docs/5.41.0/Technical%20Documentation/Payara%20Server%20Documentation/Server%20Configuration%20And%20Management/JDBC%20Resource%20Management/JDBC.html>