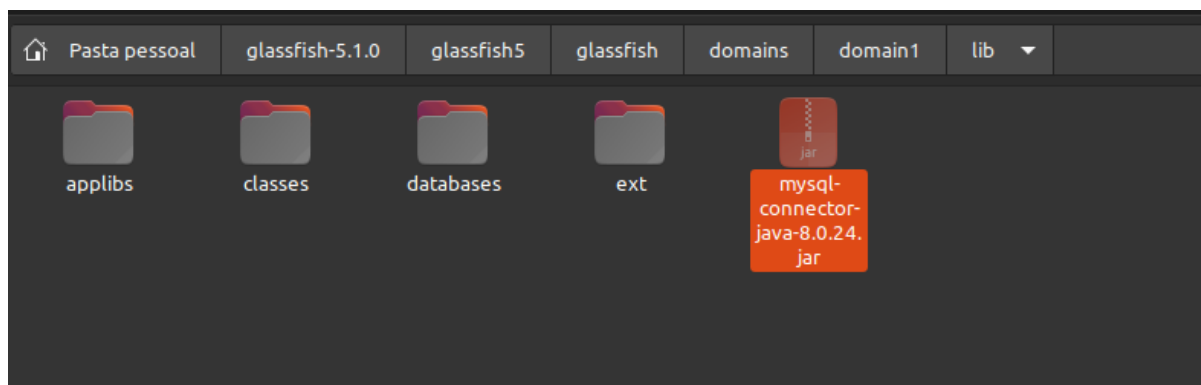


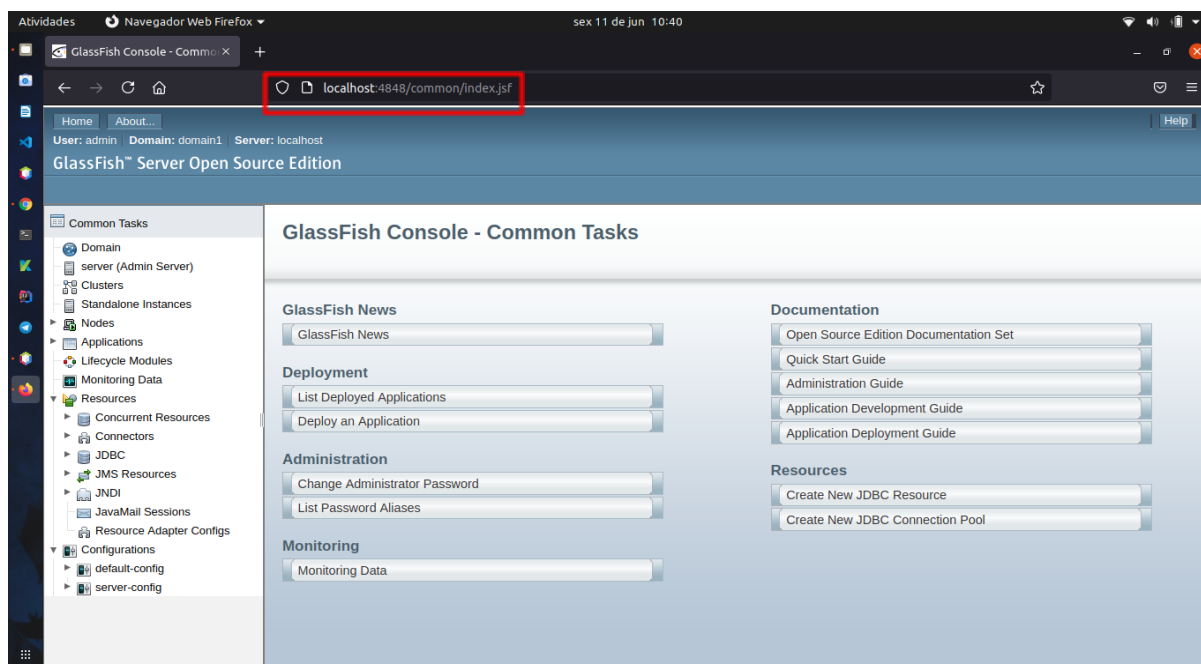
Passo a Passo da configuração Data Source e Pool

1.Mover o arquivo de conexão JDBC para a pasta:
/glassfish-5.1.0/glassfish5/glassfish/domains/domain1/lib



2.Criar o Pool de conexão e o Data Source na página de configuração do glassfish pelo endereço :

<http://localhost:4848>



3. Criar o Pool de conexão é o Data Source .



4. Criar um novo Pool de Conexão

JDBC Connection Pools

To store, organize, and retrieve data, most applications use relational databases. Java EE applications access relational databases through the JDBC API. Before an application can access a database, it must get a connection.

Pools (3)				
<input checked="" type="checkbox"/>	<input type="button" value="New..."/>	<input type="button" value="Delete"/>		
Select	Pool Name	Resource Type	Classname	Description
<input type="checkbox"/>	DerbyPool	javax.sql.DataSource	org.apache.derby.jdbc.ClientDataSource	
<input type="checkbox"/>	SamplePool	javax.sql.DataSource	org.apache.derby.jdbc.ClientDataSource	
<input type="checkbox"/>	__TimerPool	javax.sql.XADataSource	org.apache.derby.jdbc.EmbeddedXADataSource	

New JDBC Connection Pool (Step 1 of 2)

Identify the general settings for the connection pool.

* Indicates required field

General Settings

Pool Name: *

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

Database Driver Vendor:
Select or enter a database driver vendor

Introspect: ☐
If enabled, data source or driver implementation class names will enable introspection.

4.1 Configurar pool

New JDBC Connection Pool (Step 1 of 2)

Identify the general settings for the connection pool.

Next Cancel

* Indicates required field

General Settings

Pool Name: *

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

Database Driver Vendor:
Select or enter a database driver vendor

Introspect: ☐
If enabled, data source or driver implementation class names will enable introspection.

New JDBC Connection Pool (Step 2 of 2)

Identify the general settings for the connection pool. Datasource Classname or Driver Classname must be specified for the connection pool.

Previous Finish Cancel

* Indicates required field

General Settings

Pool Name: PoolTest

Resource Type: javax.sql.ConnectionPoolDataSource

Database Driver Vendor: MySQL

Datasource Classname:
Select or enter vendor-specific classname that implements the DataSource and/or XADataSource APIs

Driver Classname:
Select or enter vendor-specific classname that implements the java.sql.Driver interface.

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

Description:

Pool Settings

Initial and Minimum Pool Size: Connections
Minimum and initial number of connections maintained in the pool

Maximum Pool Size: Connections
Maximum number of connections that can be created to satisfy client requests

Pool Resize Quantity: Connections

4.2 Configurar propriedades adicionais .

Additional Properties (8)			
<input type="checkbox"/> <input type="checkbox"/> <input type="button" value="Add Property"/> <input type="button" value="Delete Properties"/>			
Select	Name	Value	Description
<input type="checkbox"/>	password	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	databaseName	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	roleName	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	serverName	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	datasourceName	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	user	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	networkProtocol	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	portNumber	<input type="text"/>	<input type="text"/>

Previous Finish Cancel

6. Testar novamente após a modificação.

Edit JDBC Connection Pool

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

General Settings

Pool Name: PoolTest

Resource Type: javax.sql.ConnectionPoolDataSource
Must be specified if the datasource class implements more than 1 of the interface.

Datasource Classname: com.mysql.cj.jdbc.MySQLConnectionPoolDataSource
Vendor-specific classname that implements the DataSource and/or XADataSource APIs

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

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

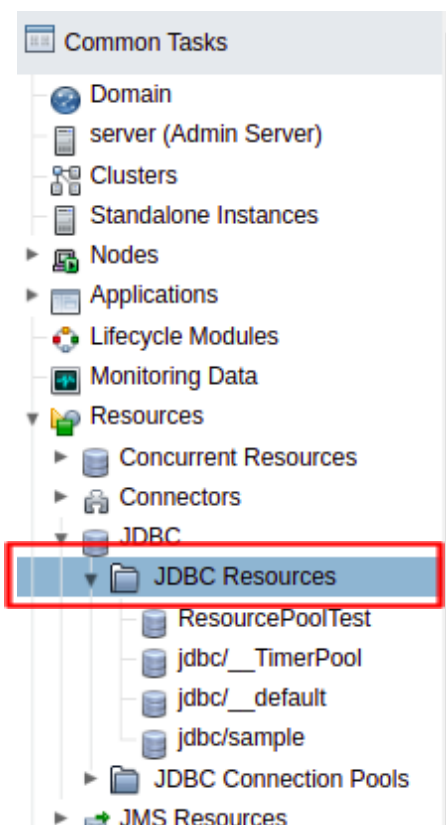
Deployment Order: 100
Specifies the loading order of the resource at server startup. Lower numbers are loaded first.

Description:

Pool Settings

Initial and Minimum Pool Size: 8 Connections
Minimum and initial number of connections maintained in the pool

7. Criar JDBC Resource .



JDBC Resources

JDBC resources provide applications with a means to connect to a database.

Resources (3)					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> New...	Delete	Enable	Disable
Select	JNDI Name	Logical JNDI Name	Enabled	Connection Pool	Description
<input type="checkbox"/>	jdbc/_TimerPool		✓	_TimerPool	
<input type="checkbox"/>	jdbc/_default	java:comp/DefaultDataSource	✓	DerbyPool	
<input type="checkbox"/>	jdbc/sample		✓	SamplePool	

8. Configurar JDBC Resource .

New JDBC Resource

OK Cancel

Specify a unique JNDI name that identifies the JDBC resource you want to create. The name must contain only alphanumeric, underscore, dash, or dot characters.

JNDI Name: * ResourcePoolTest

Pool Name: PoolTest

Use the [JDBC Connection Pools](#) page to create new pools

Description:

Status: ☒

Additional Properties (0)

Add Property Delete Properties

Select	Name	Value	Description
--------	------	-------	-------------

No items found.

9. Configurar a fábrica de conexões do projeto passando a JDBC Resource criada anteriormente.

antes

```
16  L  */
17  public class FabricaConexao {
18
19      public Connection pegaConexao() throws ErroBancoException {
20          Connection con;
21          try {
22              Class.forName("com.mysql.cj.jdbc.Driver");
23              con = DriverManager.getConnection("jdbc:mysql://localhost:3306/teste?autoReconnect=true&useSSL=false","root","welldarli");
24          } catch (ClassNotFoundException | SQLException ex) {
25              throw new ErroBancoException("Erro ao tentar se conectar",ex);
26          }
27          return con;
28      }
29  }
30
```

depois

```
20 public class FabricaConexao {
21
22     public Connection pegaConexao() throws ErroBancoException {
23         Connection con;
24         try {
25
26             InitialContext ic = new InitialContext();
27             DataSource ds = (DataSource) ic.lookup("ResourcePoolTest");
28             con = ds.getConnection();
29
30         } catch (NamingException | SQLException ex) {
31             throw new ErroBancoException(ex);
32         }
33         return con;
34     }
35 }
36 }
```

10.Reiniciar servidor glassFish é testar projeto.

Atividades Navegador Web Firefox sex 11 de jun 11:34

localhost:8080/PessoaDaoAJax+DataSource x Dao+Ajax+DataSource +

← → ↻ 🏠 📄 localhost:8080/PessoaDaoAJaxDataSourcePool/ ☆ 📱 ☰

Nome: Idade:

Código	Nome	Idade	Editar
4	maria de Jesus	7	<input type="button" value="Editar"/>
7	Izadora	9	<input type="button" value="Editar"/>
8	Wellikson	18	<input type="button" value="Editar"/>
42	carlos alberto	7	<input type="button" value="Editar"/>