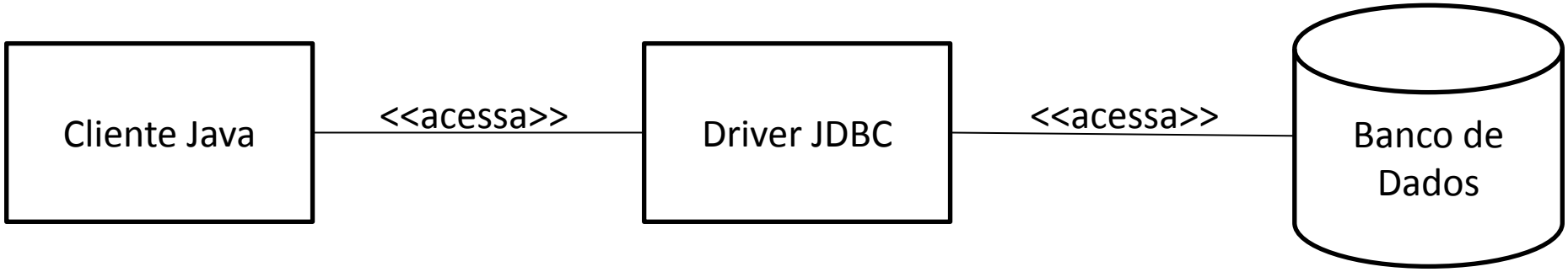
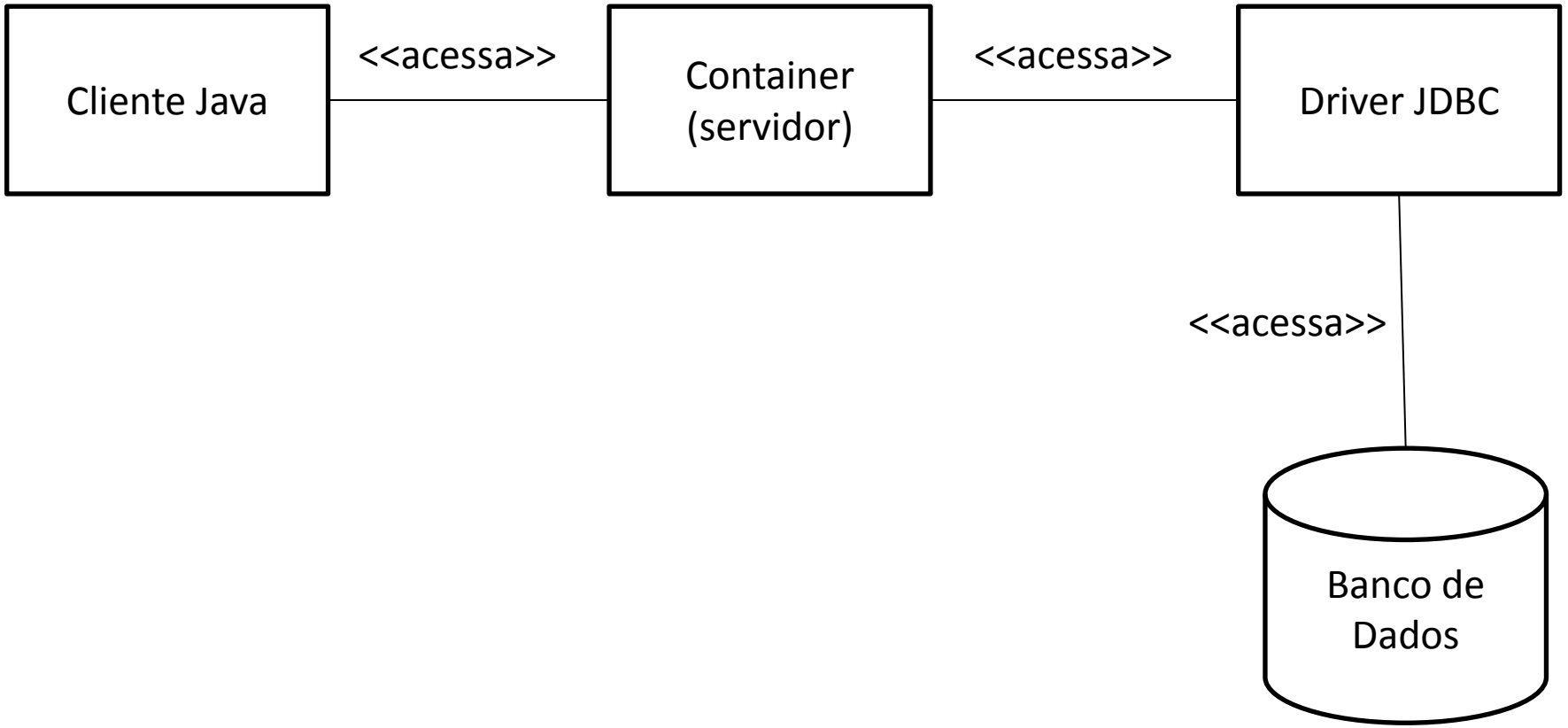
Data Source e Pool de Conexão

Professor Vinícius Costa

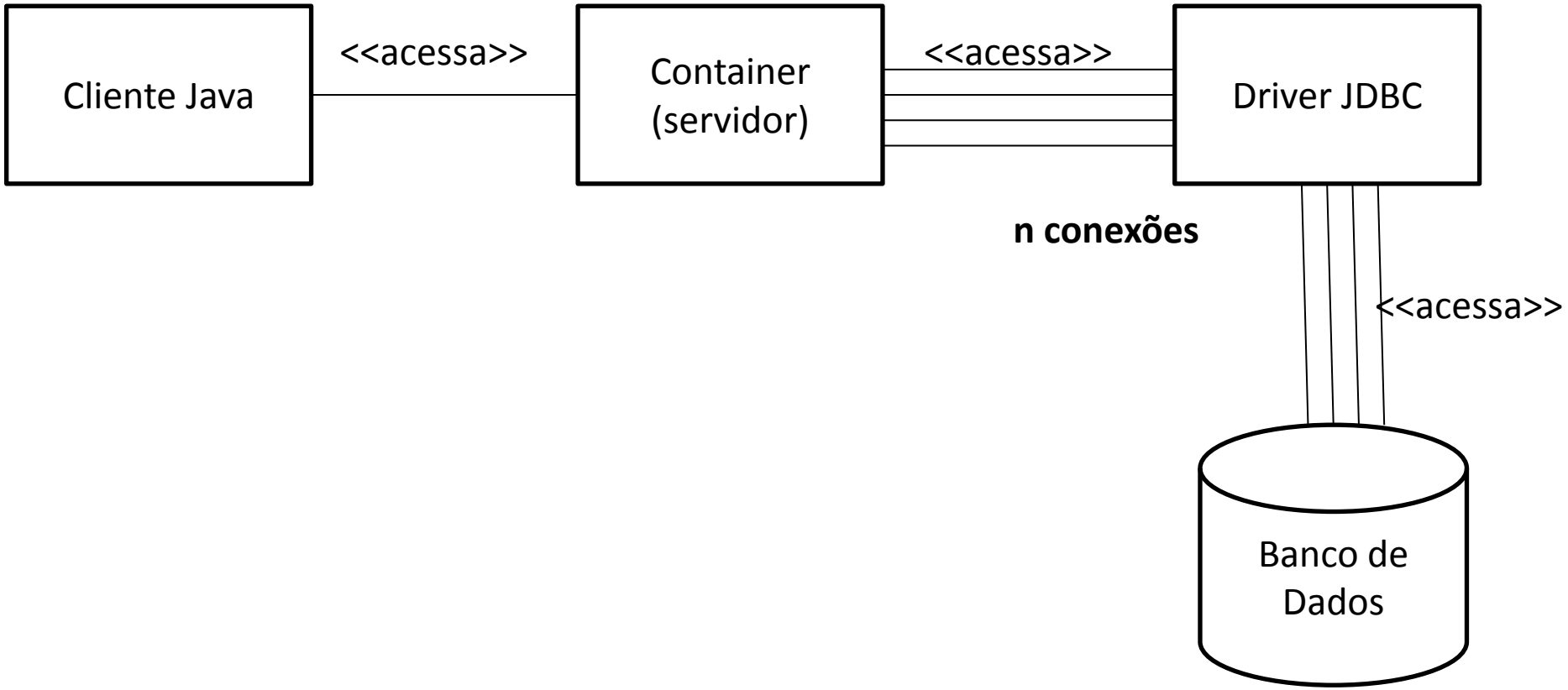
Conexão com JDBC



Conexão com DataSource



Conexão com DataSource e Pool



Baixar GlassFish

- https://javaee.github.io/glassfish/download

Inserir o Drive do MySql no GlassFish

- PastaDoGlassFish/glassfish/domains/domain1/lib

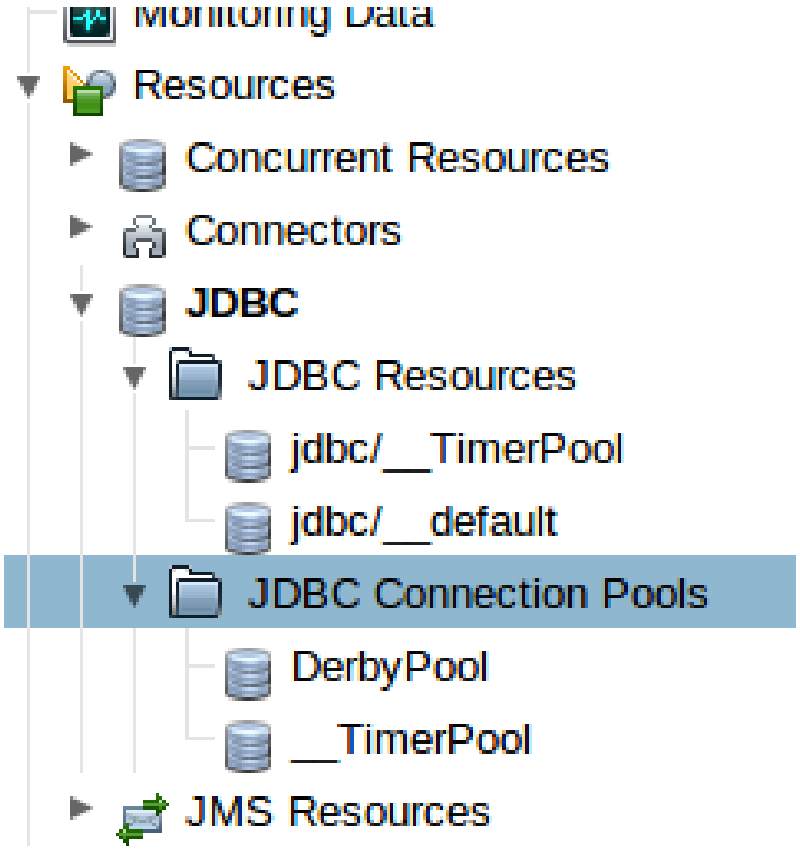
Adicionar o Servidor GlassFish no NetBeans

- Menu -> Ferramentas -> Servidores
- Clique no botão "Adicionar Servidor"
- Selecione "GlassFish Server" e clique em "Próximo"
- Clique em "Procurar" e escolha a pasta onde está o GlassFish
- Clique em "Próximo" em seguida clique me "Finalizar"

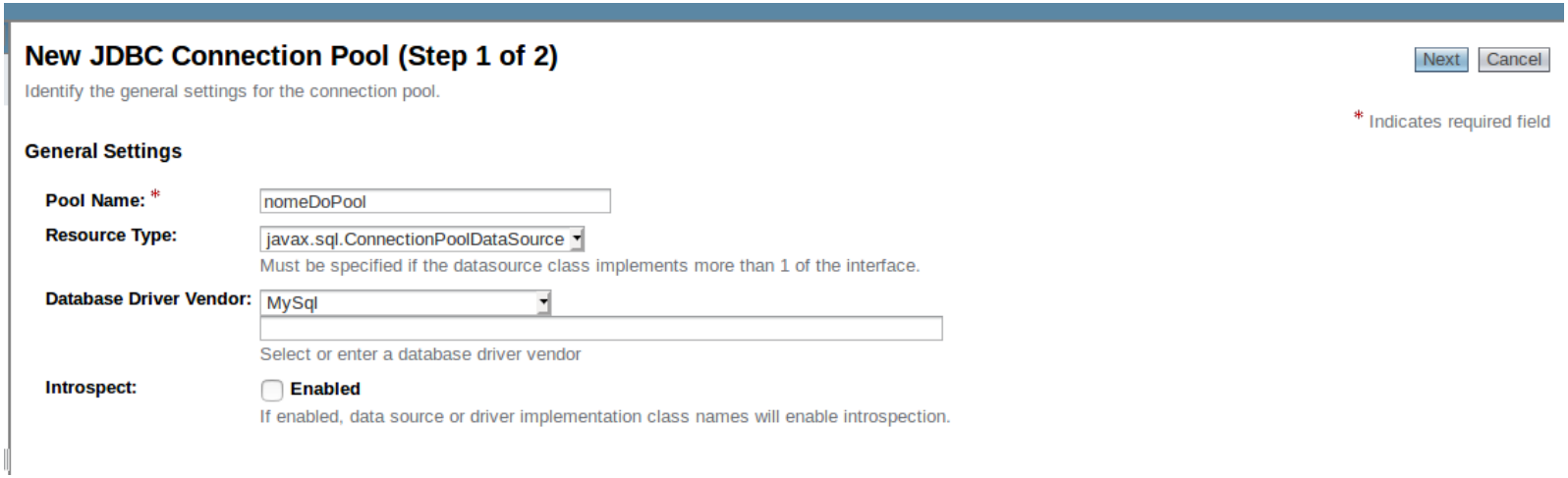
Criando Pool de Conexões e Data Source no GlassFish

- Abra a página de configuração do GlassFish
  - No navegador coloque o endereço do servidor na porta 4848

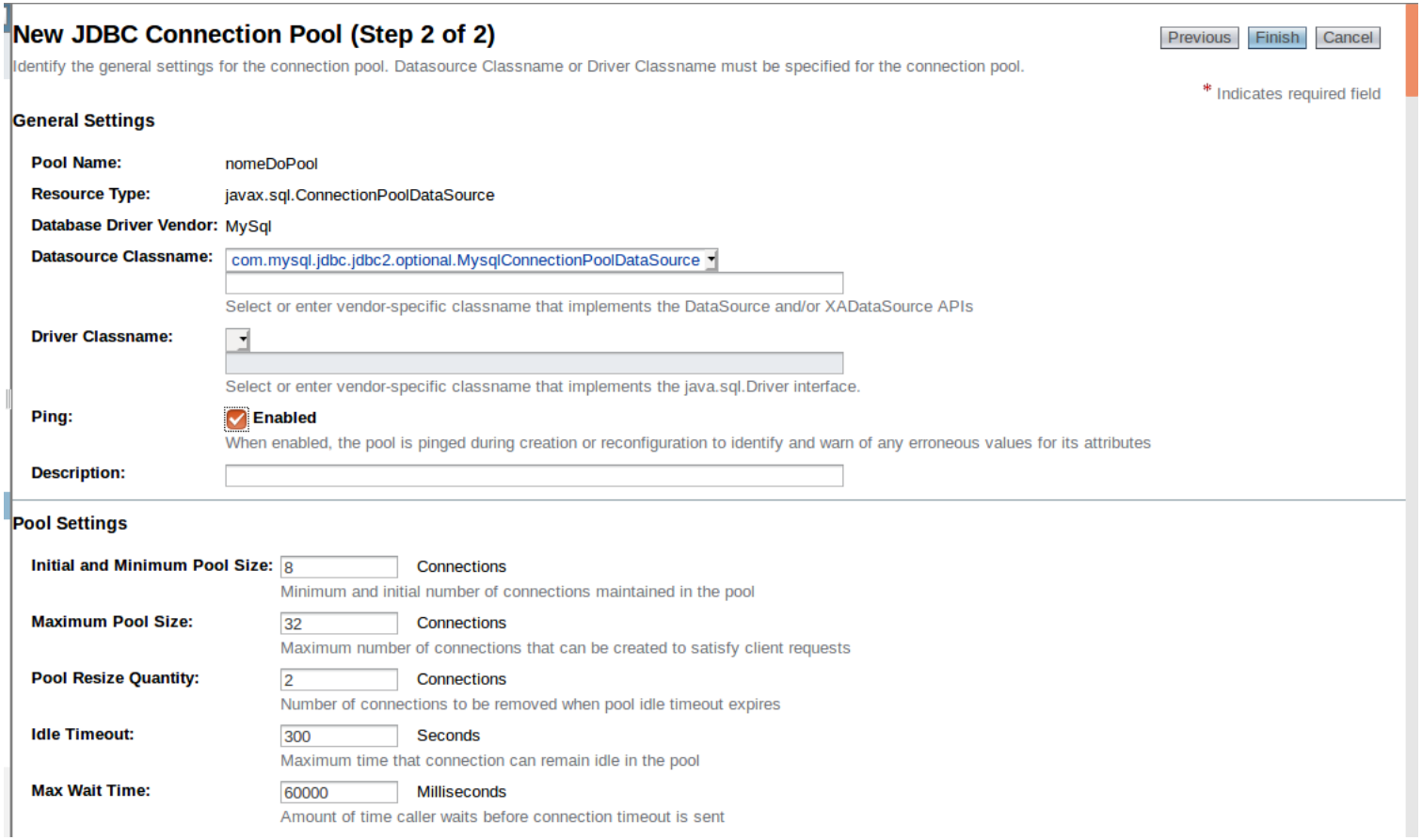
Criando Pool de Conexões e Data Source no GlassFish



Criando Pool de Conexões e Data Source no GlassFish



Criando Pool de Conexões e Data Source no GlassFish



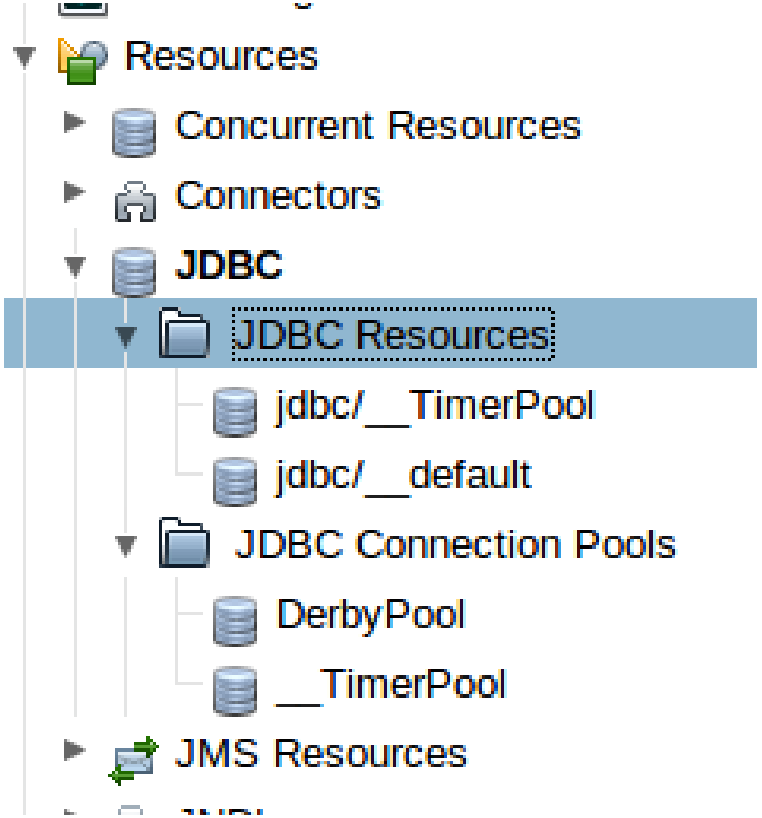
Configurar Drivers JDBC para Pool de Conexão

- https://docs.oracle.com/cd/E18930_01/html/821-2416/beamw.html

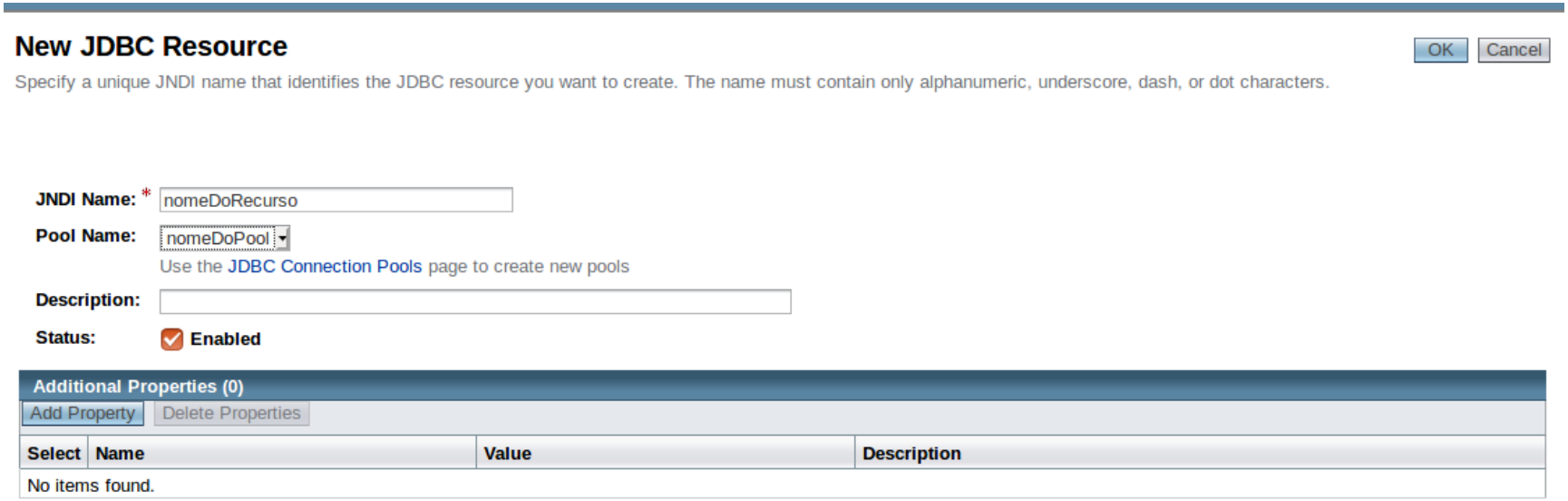
Criando Pool de Conexões e Data Source no GlassFish

- Propriedades Adicionais
  - Na parte de baixo da tela "passo 2 de 2" configure:
  - User
  - Password
  - DatabaseName
  - ServerName
  - PortNumber

Criando Pool de Conexões e Data Source no GlassFish



Criando Pool de Conexões e Data Source no GlassFish



Código para Usar Pool de Conexões

```
InitialContext ic= new InitialContext();
DataSource ds = (DataSource)
   ic.lookup("recursoTeste");
Connection con=ds.getConnection();
```

Comando para ver quantidade de conexões no MySql

- Quantidade de processos
  - SHOW STATUS WHERE variable_name = 'Threads_connected';
- Lista de processos
  - show processlist;