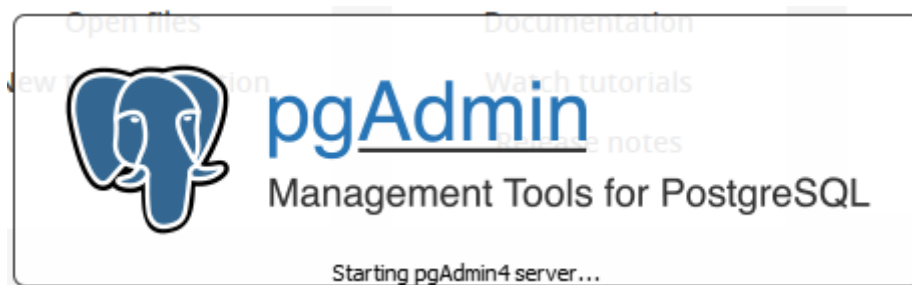
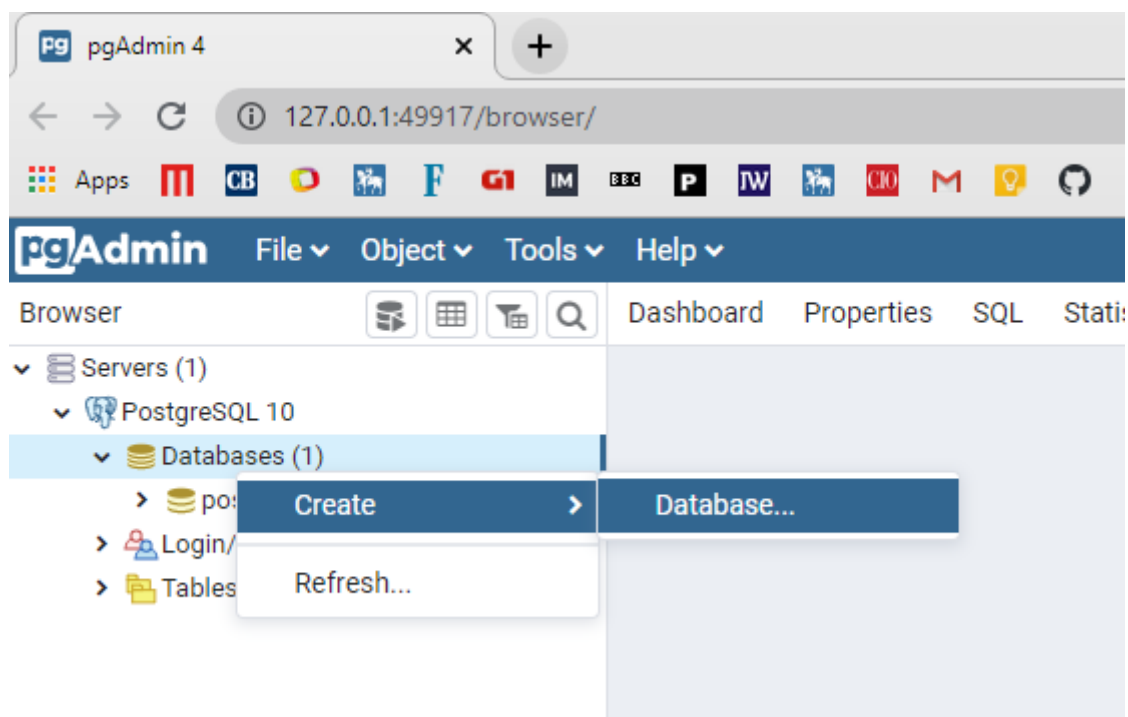


Exercício 01 – Criação de Repositório no PentahoDI

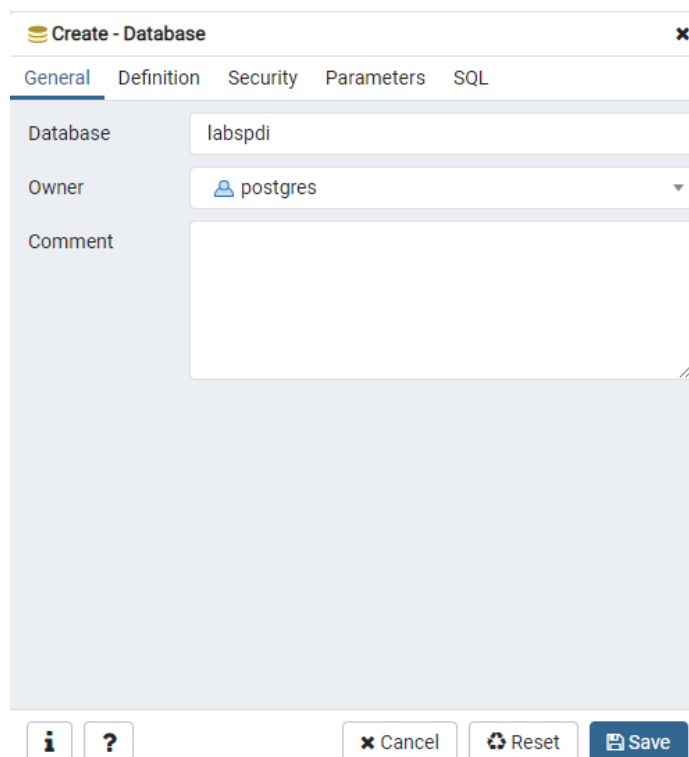
1.1 Iniciar o serviço PostgreSQL por meio do pgAdmin:



1.2 Escolher um banco de dados dentro de um servidor disponível. Para nosso exercício, será utilizado o servidor PostgreSQL:

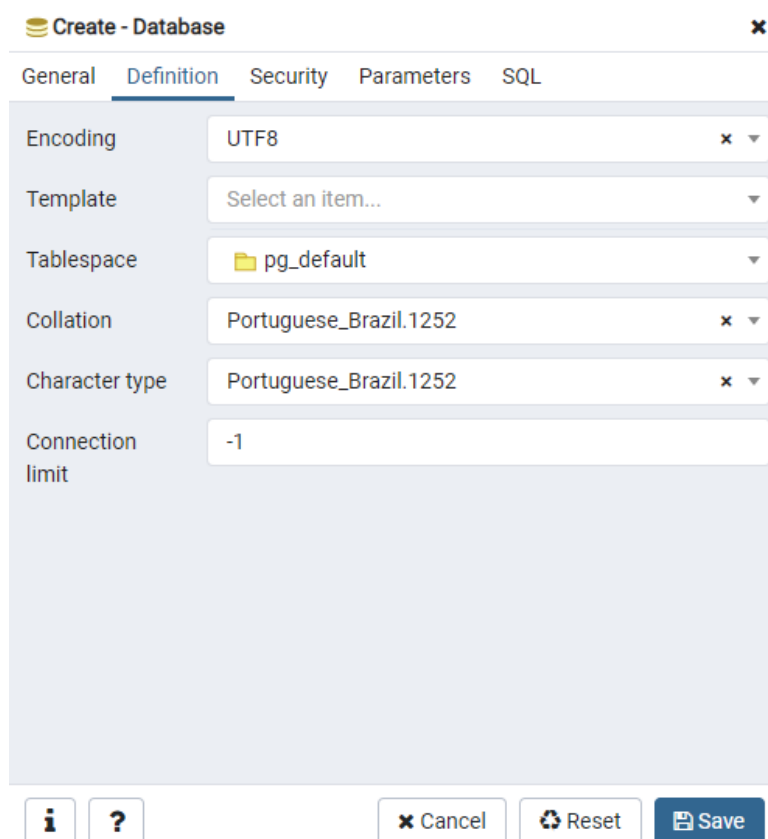


1.3 Crie um banco de dados chamado “labspdi”:



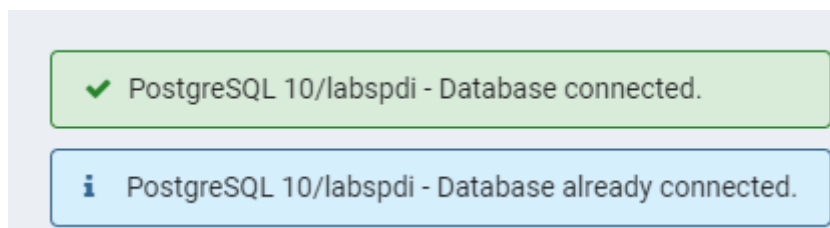
The screenshot shows the 'Create - Database' dialog box with the 'General' tab selected. The 'Database' field contains 'labspdi'. The 'Owner' dropdown menu is set to 'postgres'. The 'Comment' field is empty. At the bottom, there are buttons for 'Cancel', 'Reset', and 'Save', along with information and help icons.

1.4 Mantenha as configurações do banco sem alterações:

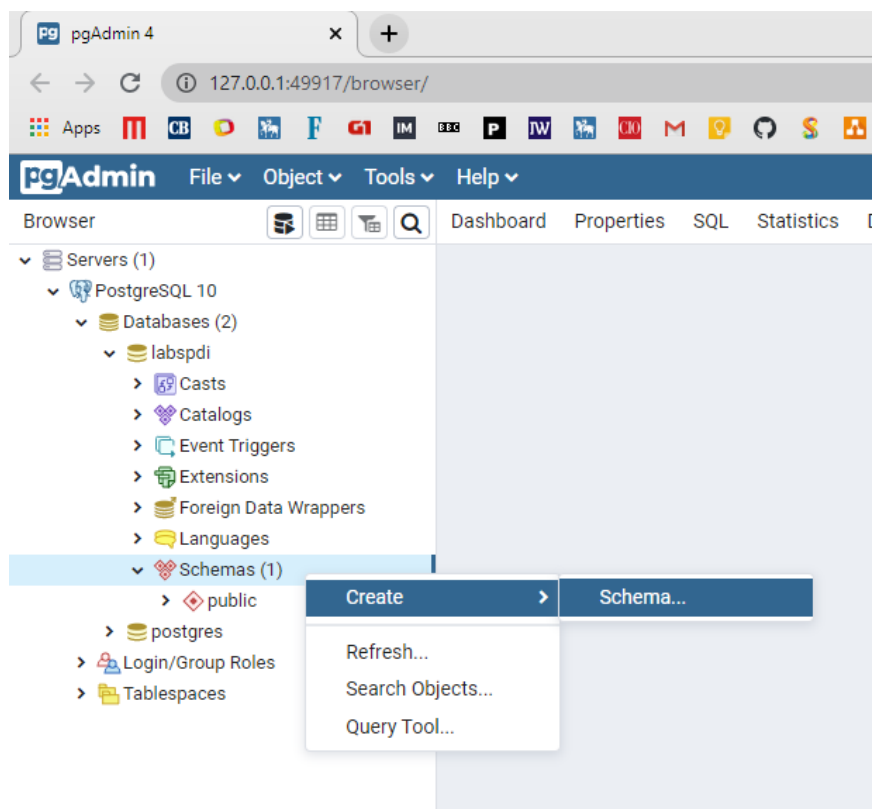


The screenshot shows the 'Create - Database' dialog box with the 'Definition' tab selected. The 'Encoding' is set to 'UTF8'. The 'Template' dropdown is set to 'Select an item...'. The 'Tablespace' dropdown is set to 'pg_default'. The 'Collation' is set to 'Portuguese_Brazil.1252'. The 'Character type' is set to 'Portuguese_Brazil.1252'. The 'Connection limit' is set to '-1'. At the bottom, there are buttons for 'Cancel', 'Reset', and 'Save', along with information and help icons.

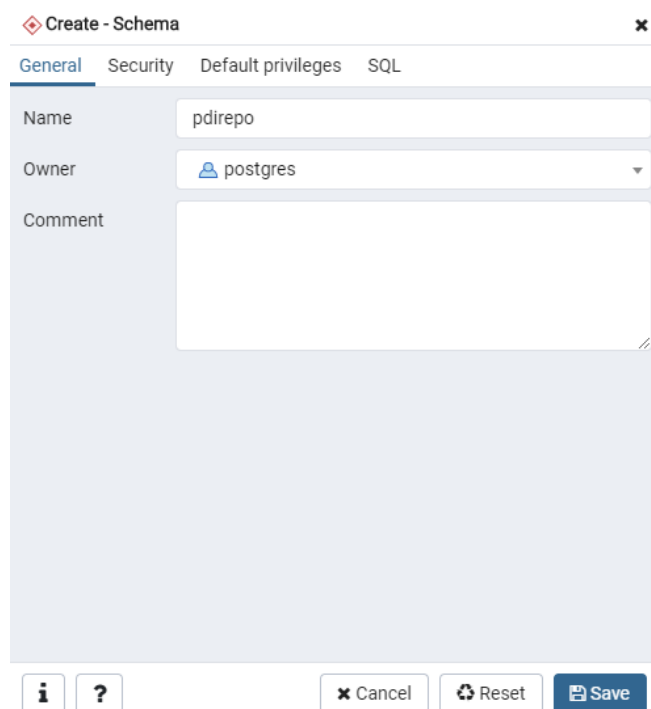
1.5 Ao salvar, uma popup irá surgir confirmando o sucesso da conexão:



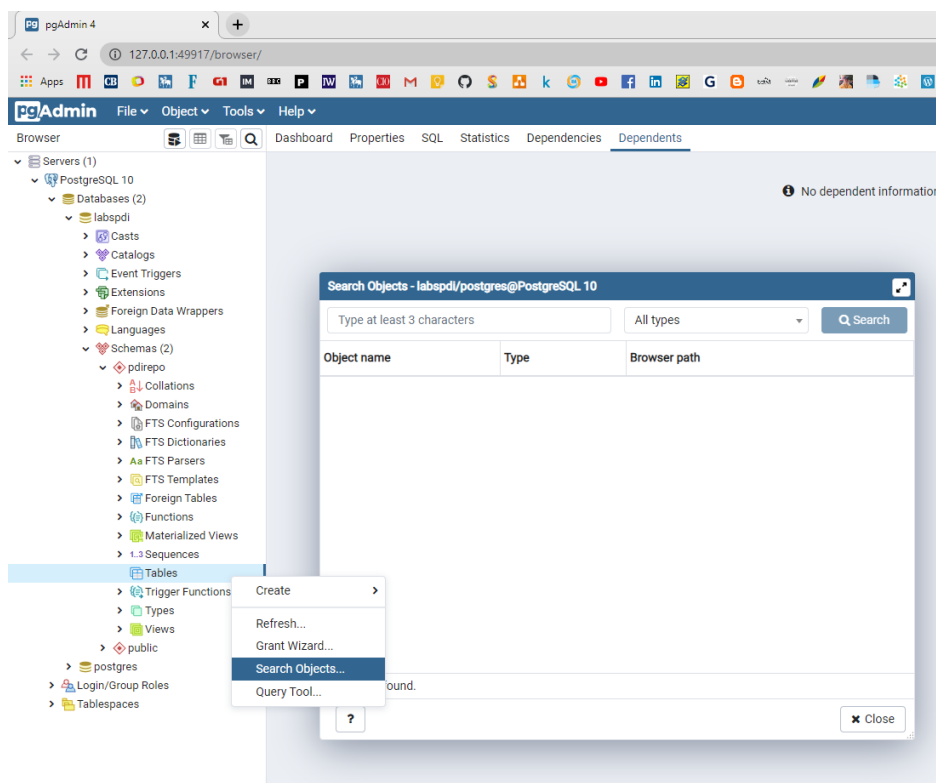
1.6 Criar o esquema para armazenar os dados do repositório:



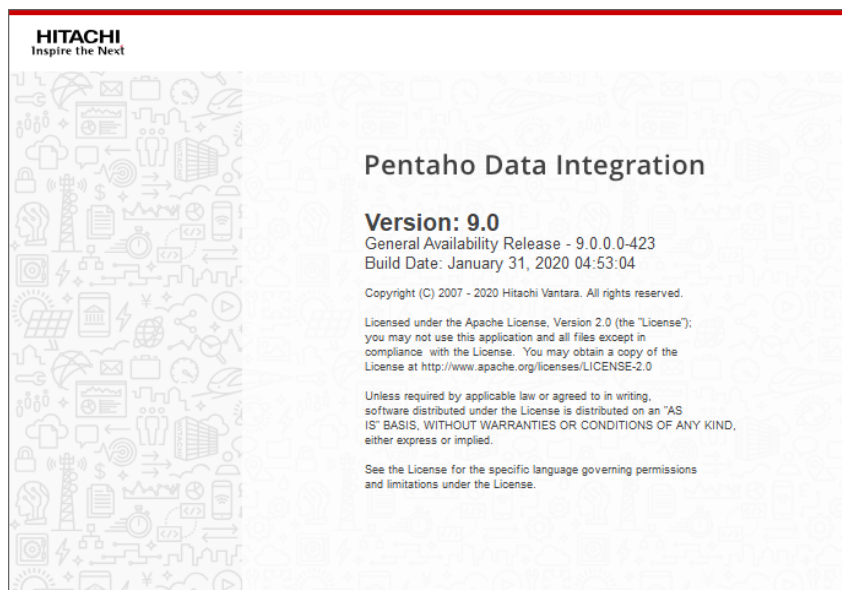
1.7 Criar um esquema chamado “pdirepo”:



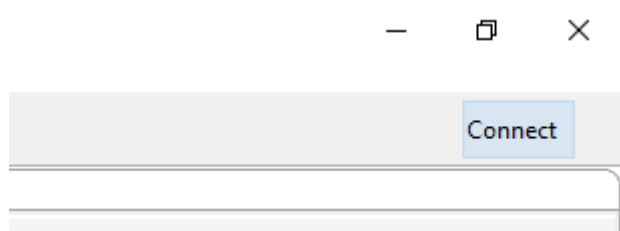
1.8 Explore o esquema e observe que não há tabelas criadas, pois o processo de criação de repositório ainda não foi iniciado:



1.9 Inicie o Pentaho Data Integrator:



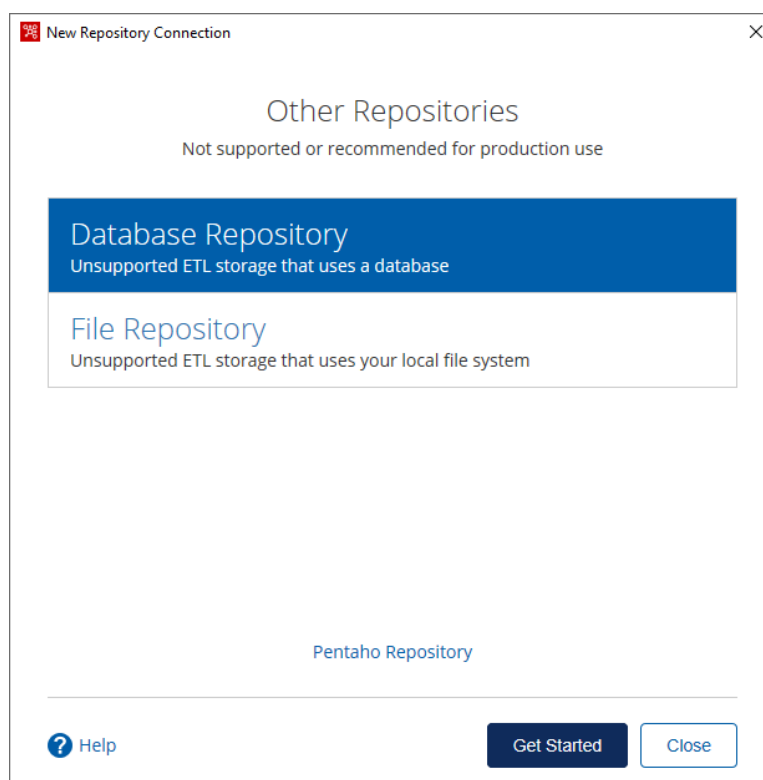
1.10 No canto superior à sua direita, acesse o botão “Connect”:



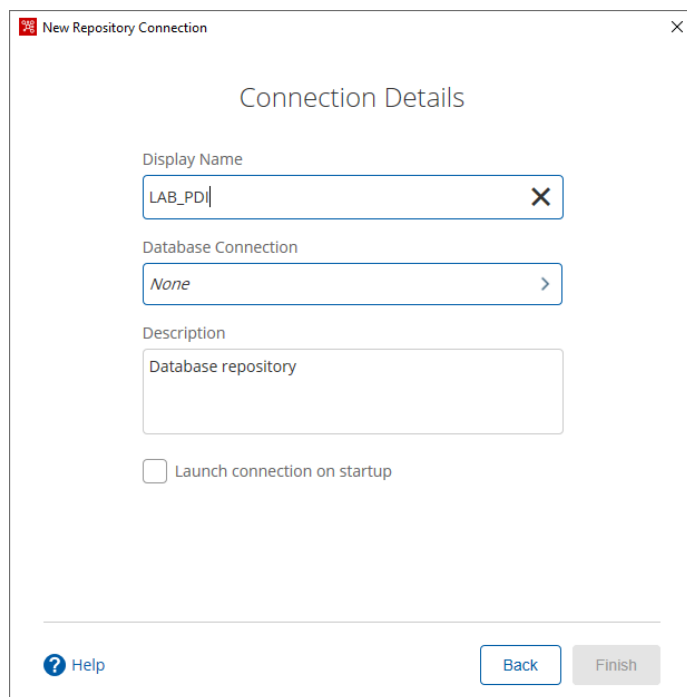
1.11 O assistente de gerenciamento de repositórios será aberto. Selecione “Other Repositories”:



1.12 Selecione “Database Repository” e clique em “Get Started”:



1.13 Crie o repositório com o nome de “LAB_PDI”. Em seguida, clique em “None”, dentro de “Database Connection”:



New Repository Connection

Connection Details

Display Name
LAB_PDI

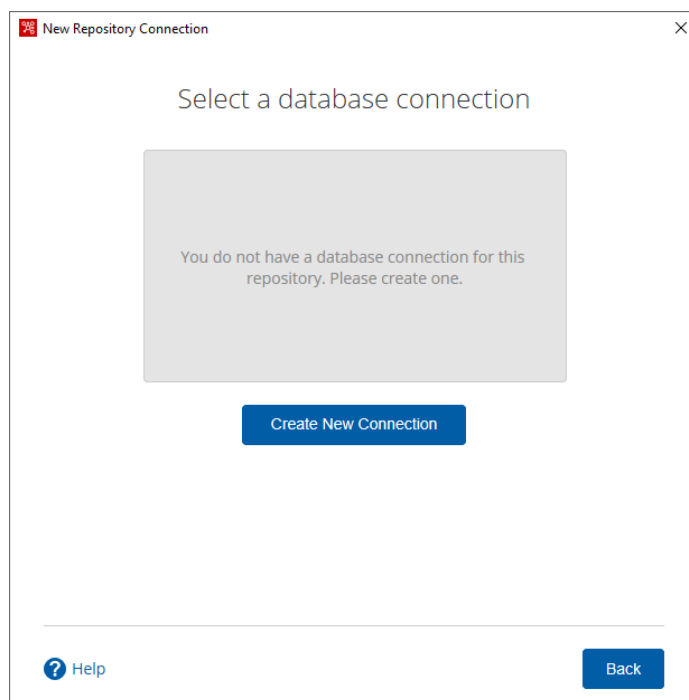
Database Connection
None

Description
Database repository

☐ Launch connection on startup

Help Back Finish

1.14 Clique em “Create New Connection”:



New Repository Connection

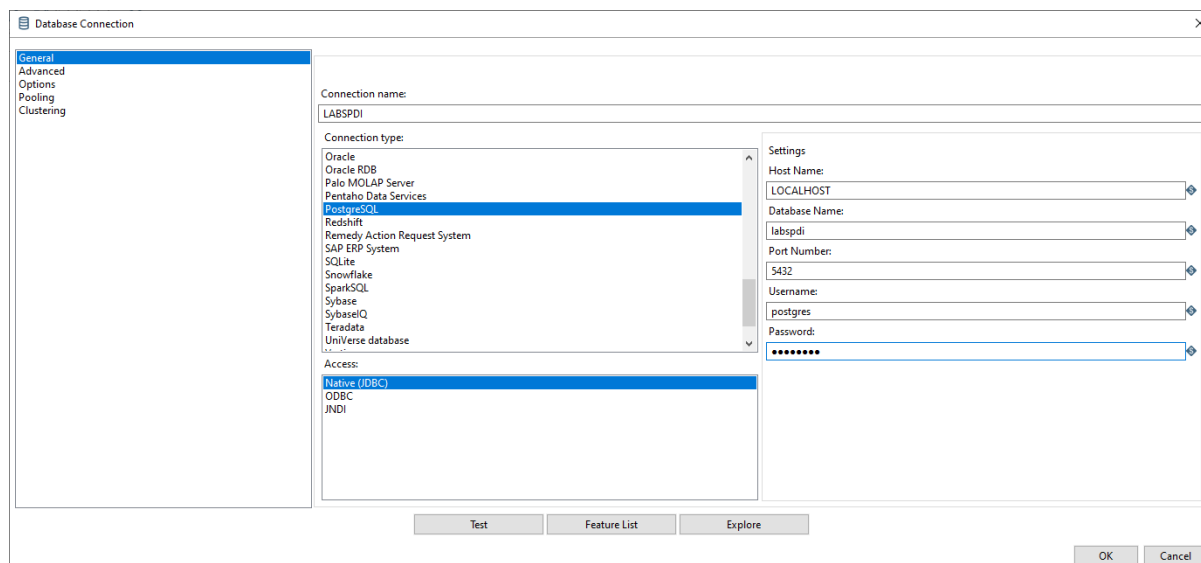
Select a database connection

You do not have a database connection for this repository. Please create one.

Create New Connection

Help Back

1.15 Na aba “General” de configuração da conexão ao banco de dados do repositório, siga conforme indicado nos subitens:



1.15.1 Preencher “Connection name” com o nome da sua conexão ao banco de dados. Use o nome “LABSPDI”:

Connection name:

LABSPDI

1.15.2 Na lista “Connection Type”, selecionar “PostgreSQL”:

Connection type:

- Oracle
- Oracle RDB
- Palo MOLAP Server
- Pentaho Data Services
- PostgreSQL**
- Redshift
- Remedy Action Request System
- SAP ERP System
- SQLite
- Snowflake
- SparkSQL
- Sybase
- SybaseIQ
- Teradata
- UniVerse database

1.15.3 Na lista “Access”, selecionar “Native (JDBC)”:

Access:

| |
|---------------|
| Native (JDBC) |
| ODBC |
| JNDI |

1.15.4 Na seção “Settings”, preencher conforme imagem abaixo:

Settings

Host Name:
LOCALHOST

Database Name:
labspdi

Port Number:
5432

Username:
postgres

Password:
●●●●●●●●

1.16 Mude para a aba “Advanced”:

Database Connection

General
Advanced
Options
Pooling
Clustering

Identifiers

- ☒ Supports the boolean data type
- ☒ Supports the timestamp data type
- ☐ Quote all in database
- ☐ Force all to lower case
- ☐ Force all to upper case
- ☒ Preserve case of reserved words

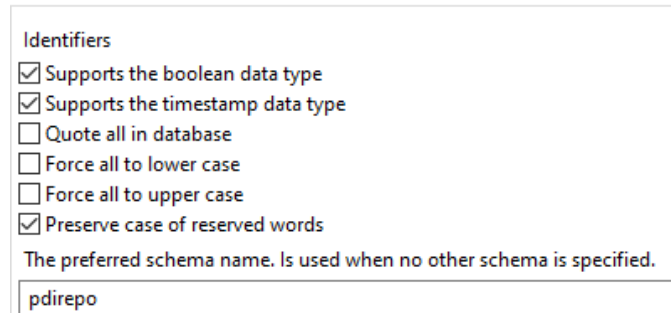
The preferred schema name. Is used when no other schema is specified.
pdirepo

Enter the SQL statements (separated by ;) to execute right after connecting:

Test Feature List Explore

OK Cancel

1.17 Na lista “Identifiers”, mantenha sem alterações as seleções já marcadas, e insira “pdirepo” no campo texto “The preferred schema name...”:



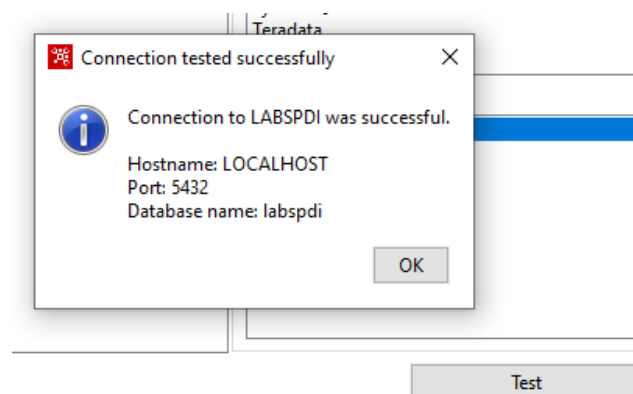
Identifiers

- ☒ Supports the boolean data type
- ☒ Supports the timestamp data type
- ☐ Quote all in database
- ☐ Force all to lower case
- ☐ Force all to upper case
- ☒ Preserve case of reserved words

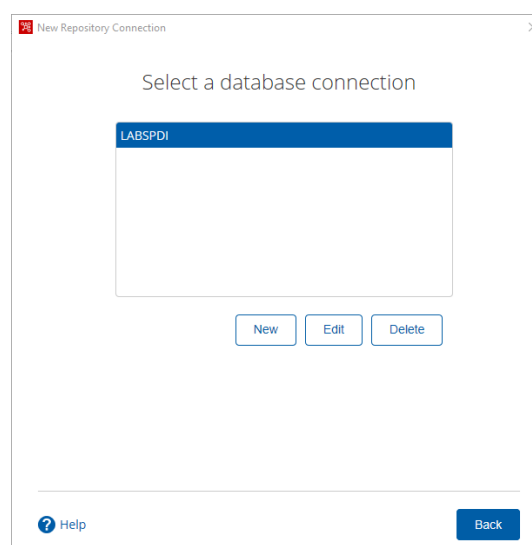
The preferred schema name. Is used when no other schema is specified.

pdirepo

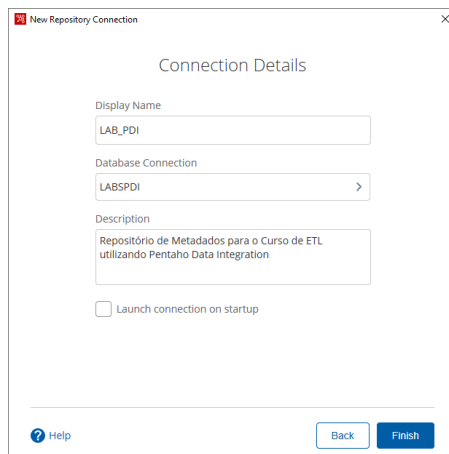
1.18 Clique no botão “Test” para garantir que a sua conexão foi criada com sucesso:



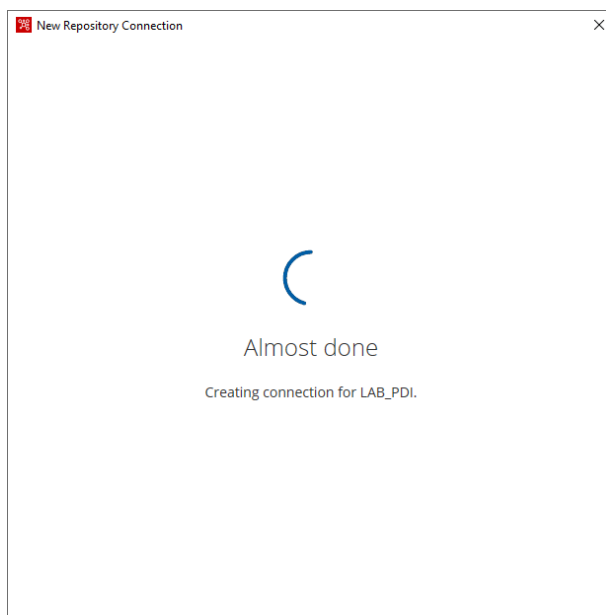
1.19 Clique no botão “Back”:



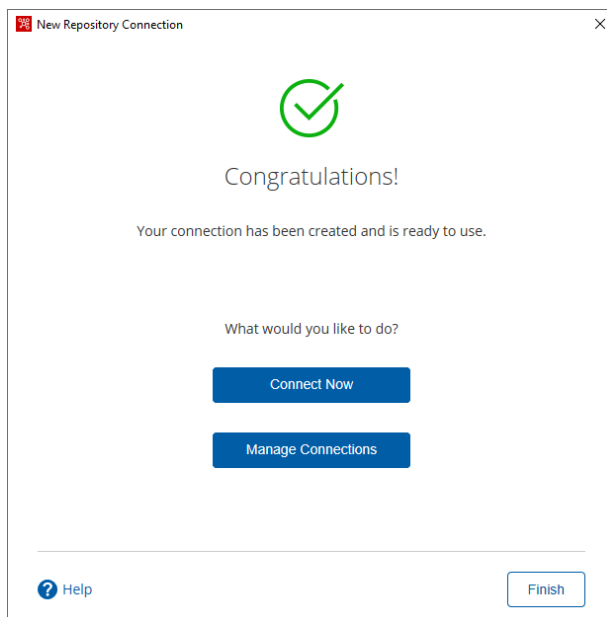
1.20 Clique no botão “Finish”:



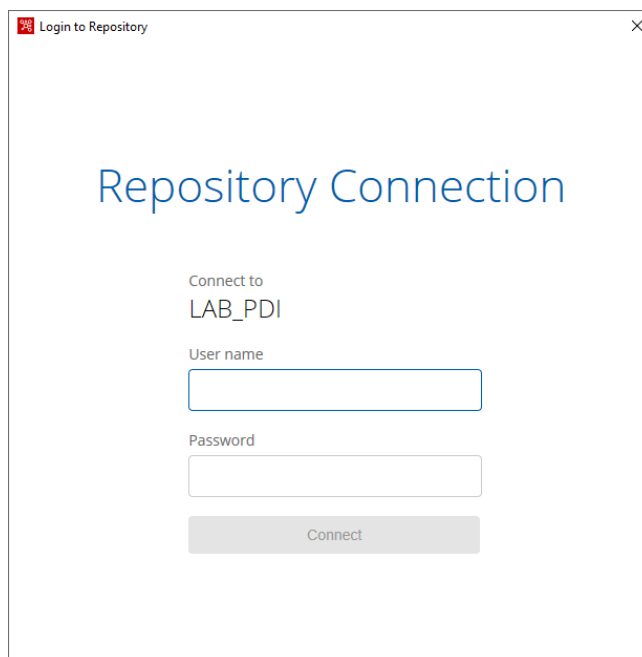
1.21 O Pentaho irá conectar ao banco de dados e criar todas as tabelas para armazenamento dos dados do repositório:



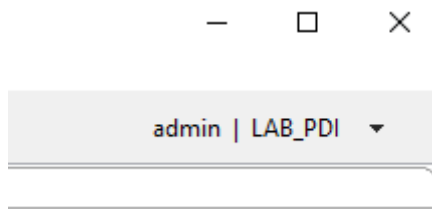
1.22 Repositório criado com sucesso:



1.23 Clique em “Connect Now”, e entre com o usuário “admin” e com a senha “admin”:



1.24 No Pentaho, canto superior à sua direita, ao lado do botão “Connect” serão apresentados os usuário conectado ao repositório e em qual repositório está conectado:



1.25 Para desconectar do repositório ou gerenciar repositórios, basta clicar na seta ao lado do nome do repositório conectado:

