



Product Documentation

Embarcadero® Rapid SQL™

New Features Guide

Version 8.7.2/XE6

Published Dec., 2014

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NEW FEATURES

POSTGRESQL SUPPORT

As of this release, Rapid SQL provides support for PostgreSQL datasources. The following topics provide a summary of the new functionality:

PostgreSQL Version Support and Connectivity Options

Rapid SQL supports Postgres version 9.3 and higher. Connectivity is available with the PostgreSQL ODBC Driver (latest version recommended) or with the pre-packaged PostgreSQL JDBC Driver.

Command Line Startup Against PostgreSQL Datasources

As with other platforms, command line startup of Rapid SQL is available against PostgreSQL datasources. The following syntax options are available:

```
rsql.exe -D datasource -U username -P password
```

```
rsql.exe -R connectionstring -D datasource -U username -P password
```

The *connectionstring* can take the following form:

```
postgresql://HOST
```

```
postgresql://HOST/DB
```

```
postgresql://HOST:PORT
```

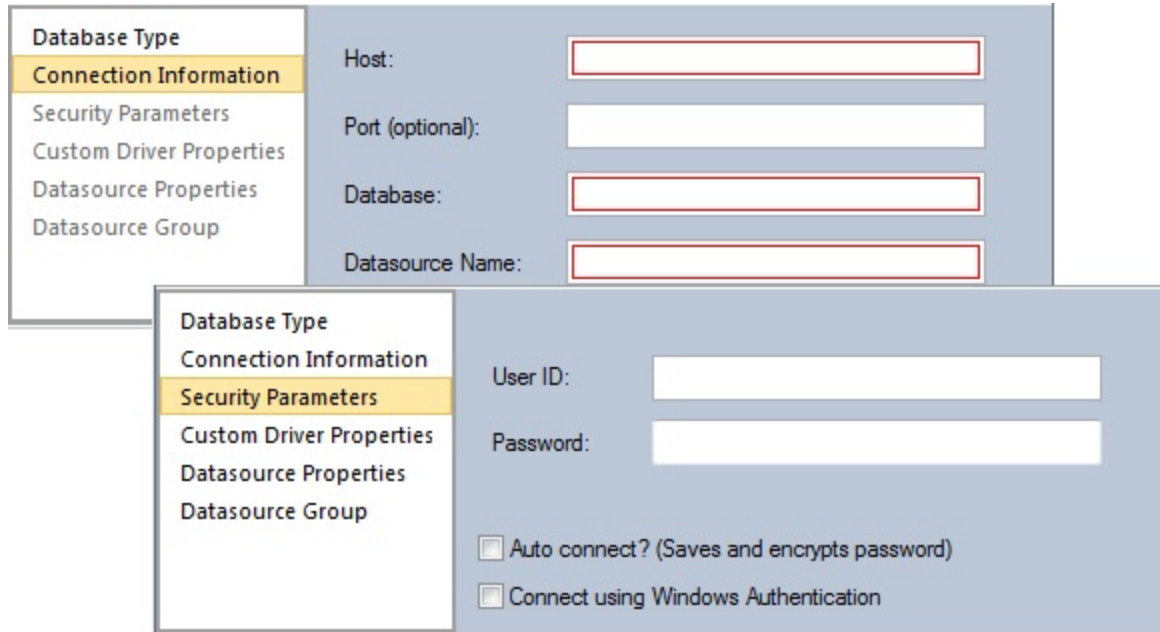
```
postgresql://HOST:PORT/DB
```

NOTE: Using **postrgesqlp** will make the datasource created permanent.

If the PostgreSQL ODBC driver is installed, the connection will be established using that driver. If not, the PostgreSQL JDBC driver will be used.

Standard PostgreSQL Datasource Registration and Connectivity

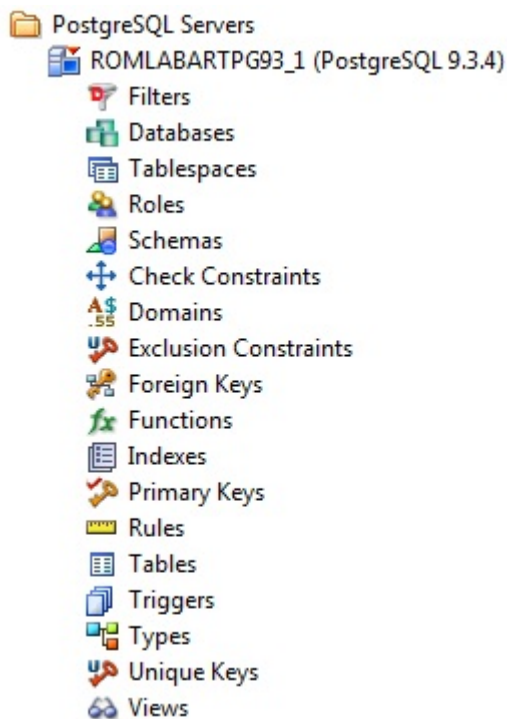
Currently, you can manually register a PostgreSQL datasource, identifying a host and database name and optionally provide a port number. Basic **User ID** and **Password** credentials can be provided on the **Security Parameters** page.



Similarly, a login dialog prompting for a user name and password lets you connect to a PostgreSQL datasource.

Datasource Navigator Object Node Availability

In Rapid SQL, object nodes for the new platform are as follows:



Common object actions **Drop**, and **Extract**, are available for all supported object types. Object type-specific actions **Rename** and **Select * From** are available, as appropriate. Two new object actions are available:

- **Change Owner** lets you generate and submit an **ALTER** *objecttype objectowner* **OWNER TO** *newobjectowner* statement.
- **Change Schema** lets you generate and submit an **ALTER** *objecttype objectschema* **SET SCHEMA** *newobjectschema* statement.

The following table shows object type availability for the two new object actions:

	Domains	Functions	Schema	Tables	Tablespaces	Types	Views
Change Owner	✓	✓	✓	✓	✓	✓	✓
Change Schema	✓	✓		✓		✓	✓

SQL Editor

Execution against PostgreSQL sources is available. Also available are related, common SQL Editor tools such as **Query Options**.