



Product Documentation

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# Embarcadero® Rapid SQL™

New Features Guide

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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
```

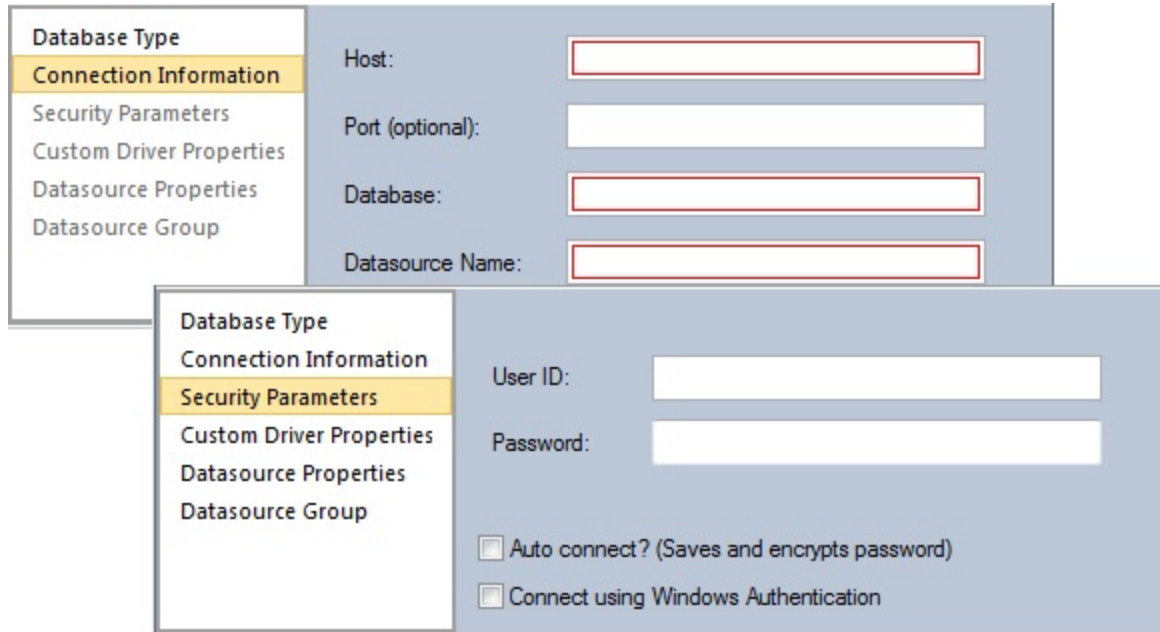
```
postgresql://HOST:PORT/DB
```

**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

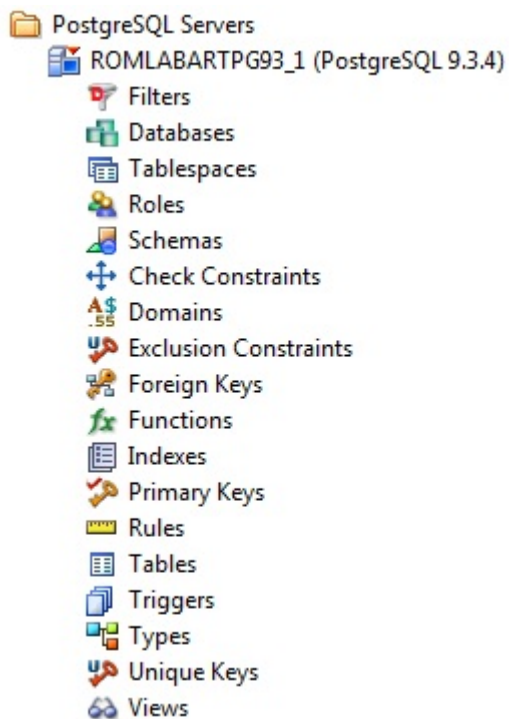
Currently, you can manually register a PostgreSQL datasource, identifying a host and database name and optionally provide a port number. Basic **User ID** and **Password** credentials can be provided on the **Security Parameters** page.



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**.