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August 26, 2014
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NEW FEATURES

Changes for this release fall into the following categories:

- PostgreSQL Support
- Backup Analyst Discontinued

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:

```
dbart.exe -D datasource -U username [-P password]
```

```
dbart.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 `postgresqlp` 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 Explorer/Navigator Object Node Availability**

In DBArtisan, primary Explorer/Navigator nodes and key secondary nodes for the new platform are as follows:

- **PostgreSQL Servers**
  - ROMLABARTPG93_1 (PostgreSQL 9.3.4)
- **Server**
- **Databases**
- **Version**
- **Storage**
- **Tablespaces**
- **Security**
- **Roles**
- **Schema**
  - Check Constraints
  - Domains
  - Exclusion Constraints
  - Foreign Keys
  - Functions
  - Indexes
  - Primary Keys
  - Schemas
  - Rules
  - Tables
  - Triggers
  - Types
  - Unique Keys
  - Views

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 objectname OWNER TO newobjectowner` statement.

• **Change Schema** lets you generate and submit an `ALTER objecttype objectschema objectname SET SCHEMA newobjectschema` statement.

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

<table>
<thead>
<tr>
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<th>Domains</th>
<th>Functions</th>
<th>Schema</th>
<th>Tables</th>
<th>Tablespaces</th>
<th>Types</th>
<th>Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change Owner</td>
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</tr>
<tr>
<td>Change Schema</td>
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</tbody>
</table>

**SQL Editor**

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

**Backup Analyst Discontinued**

As of this release, the Backup Analyst feature is no longer available.