



## **DBArtisan 8.1 New Features Guide**

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## **New Features Summary**

### **MySQL Support**

Embarcadero Technologies is partnered with MySQL and is very pleased to offer MySQL support in DBArtisan 8.1.0. We recognize that open source databases are increasingly popular and DBArtisan gives you an easy way to manage MySQL datasources without having to use command-line instructions.

### **SQL Server 2005 Compatibility**

DBArtisan is fully compatible with SQL Server 2005. While DBArtisan maintains SQL Server 2000 objects, SQL 2005 accommodates schema ownership of objects in lieu of user ownership.

### **Import Data Wizard**

Newly added to DBArtisan is the Import Data Wizard that lets you create insert statements based on data in a file. This streamlines the process of moving data from one table into another.

## Top New Features

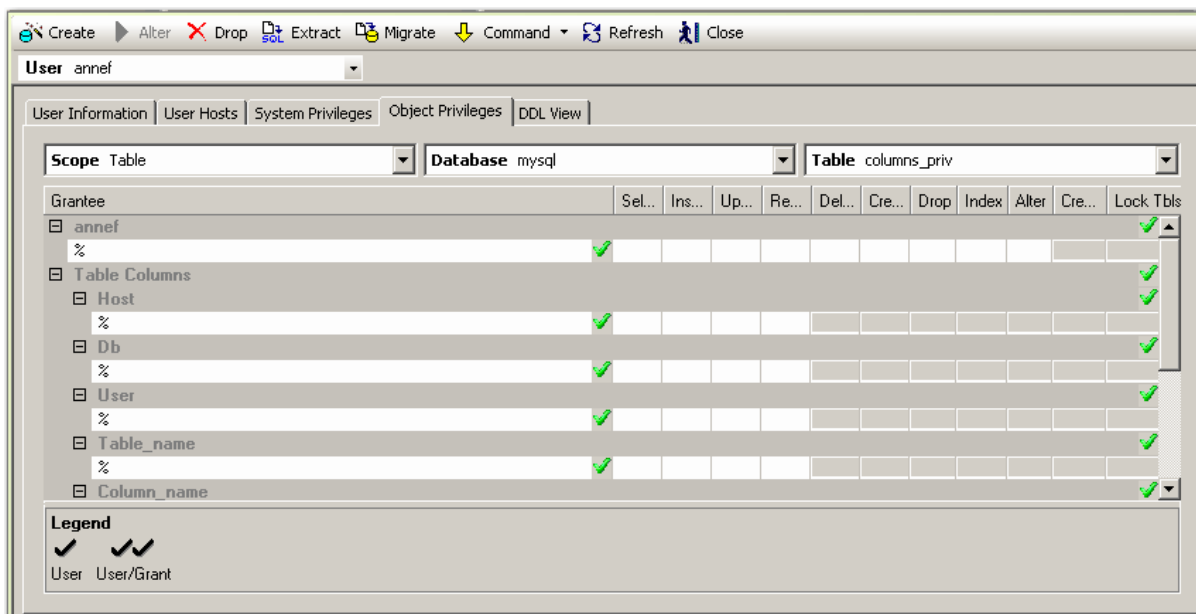
### MySQL Support

DBArtisan now supports MySQL DBMS, versions 3.x and 4.x. With MySQL gaining a full head of steam both within the open-source community and at the enterprise level, we thought it was time to adapt DBArtisan to aid the growing number of MySQL DBAs and to address the growing number of MySQL-related tasks.

DBArtisan 8.1 lets MySQL administrators use the same GUI-based toolset that's available for Oracle, DB2, SQL Server, and Sybase ASE. Here are the highlights of what's available to anyone who needs to administer a MySQL database system:

### Security Management

Manage security for all your MySQL instances with a single GUI-based editor. DBArtisan's Users Editor lets you dictate privileges on the system and database levels. At the database level, DBArtisan lets you dictate global, database, and table-level privileges for your MySQL servers, giving you maximum granularity when it comes to your MySQL security settings. DBArtisan also lets you determine which host connections each user can connect from, providing you with a window to the superset of security options that MySQL builds into its database servers.



*Object privileges can be granted to this user for each available host.*

To use this feature:

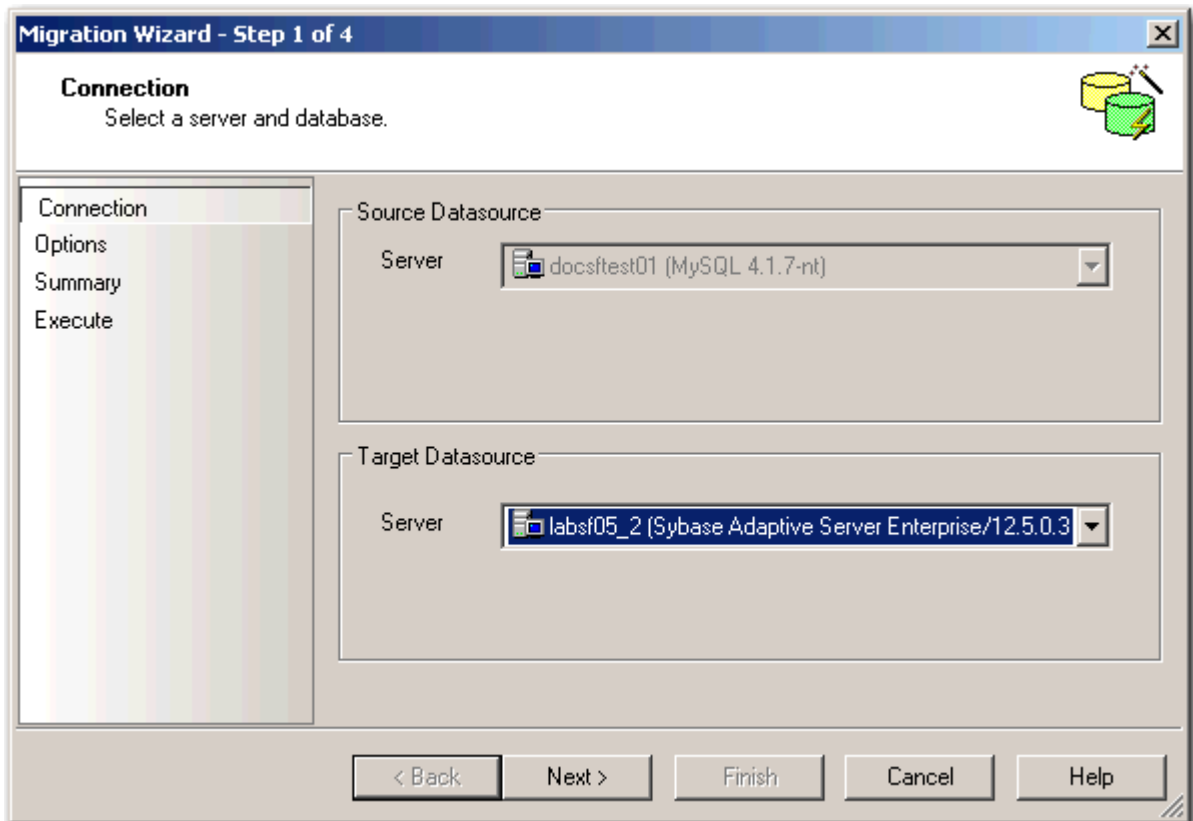
1. Select a user from the Databases Explorer and click Open.
2. Go to the User Hosts tab and select the User's host(s) where you want to grant/revoke privileges.

### Database Object and Data Management

As is the case for other platforms, DBArtisan permits you to create a MySQL database in a test environment and move it to a production environment using the extraction and migration feature. You can also migrate and extract data across platforms.

For MySQL, as for other platforms, you can:

- Create and edit tables, keys, and indexes with graphical wizards and editors
- Manage data stored in your MySQL databases
- Monitor database processes
- Migrate schema and objects (same platform or cross-platform, with or without data)
- Backup and restore databases
- Extract DDL at the schema and object levels



*Beginning the process of migrating a MySQL datasource to a Sybase datasource.*

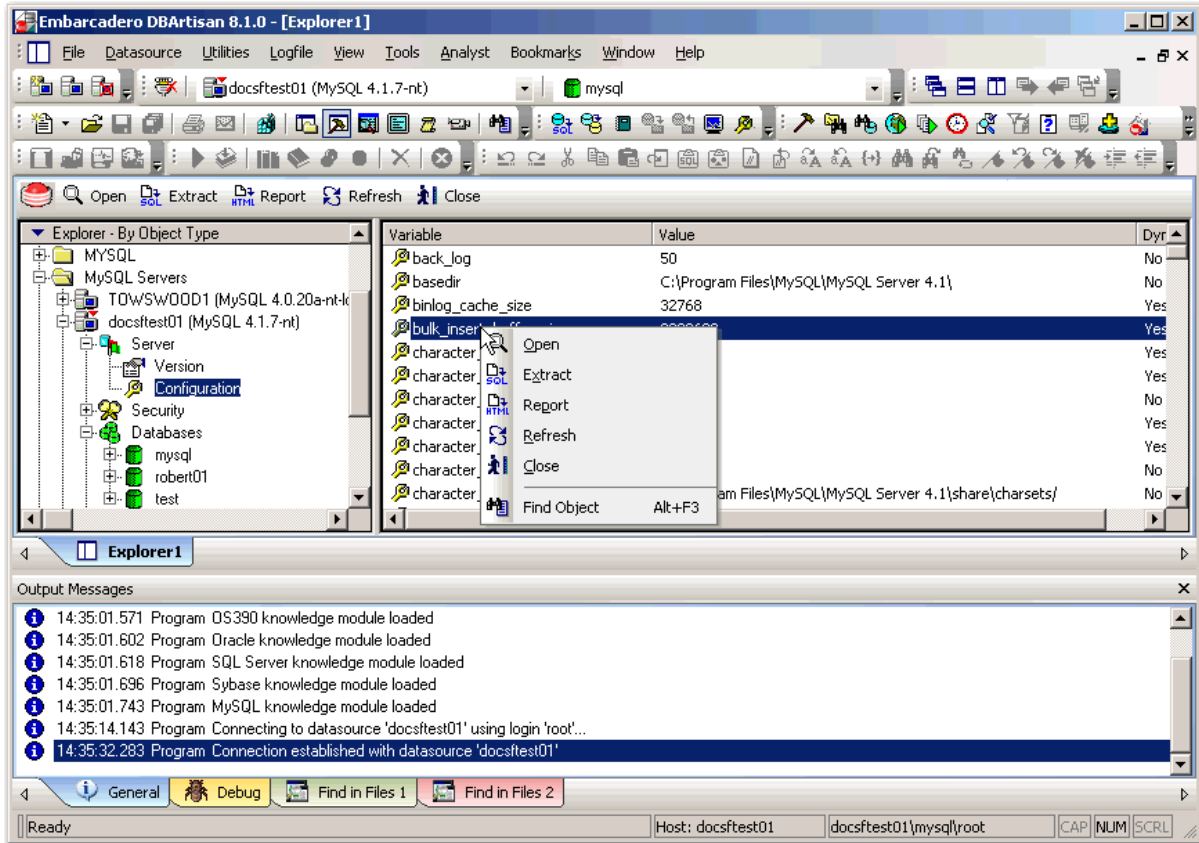
To use this feature:

1. Select a MySQL database from the Explorer tree.
2. Click Migrate on the toolbar.
3. Complete the Migration Wizard.

### Server Management

Every MySQL Server instance includes **test** and **mysql** databases by default. The Test database is there for you to play with and use as a testing environment, although you can add or delete databases at will. But using the **test** database is good place to start when you want to make use of DBArtisan's server functions. The **mysql** database contains system information relating to system rights and privileges. DBArtisan allows you to manipulate your MySQL servers as you would using the MySQL Console, but gives you additional flexibility.

- Manage configuration information (i.e., server options) easily from the System Configuration grid.
- Create reports at the schema and object levels for local or web publication.
- Create queries using Visual query builder or from the SQL Syntax dialog box.
- Execute the SQL and save the results.



Some options for configuring a MySQL server.

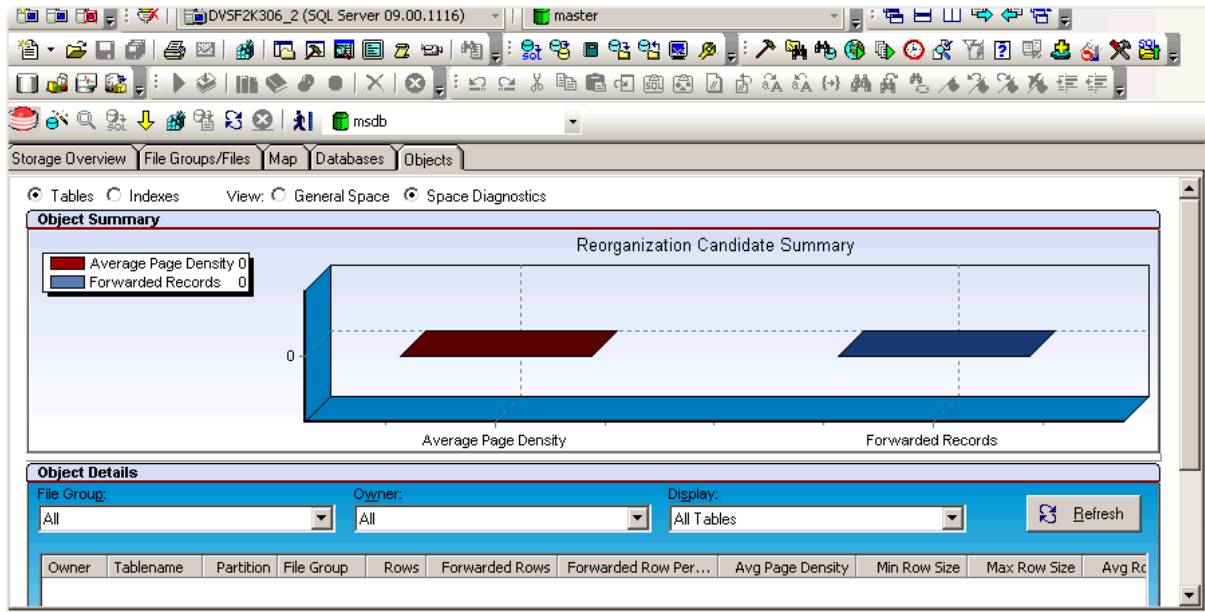
To configure a MySQL server:

1. Expand the MySQL Explorer tree.
2. Click the Configuration node.
3. Right-click any configuration variable.

## More New Features

### SQL Server 2005 Compatibility

In addition to supporting MySQL, the 8.1 release of Embarcadero's DBArtisan also supports SQL Server 2005. While DBArtisan maintains SQL Server 2000 objects, SQL Server 2005 accommodates schema ownership of objects in place of user ownership. The SQL Server 2005 accommodations are also reflected in the Space, Performance, Capacity, and Backup Analysts.



The Objects tab of the Space Analyst displays average page density and forwarded rows. The Object Details grid now includes a column for partitions.

### Import Data Wizard

Embarcadero DBArtisan has simplified the process of creating INSERT statements so you can bring data from one table into another. Where before you had to do some fancy cutting and pasting, now the Import Data Wizard generates the INSERT statements in easy steps whether you are importing data from an Excel file or from a text file. You identify the table with the data you want to import, the table where you want to receive the data, and bingo, the INSERT statements are done.

## Additional Resources

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