

DQpowersuite 5.24 Release Notes

Decision Support Inc.

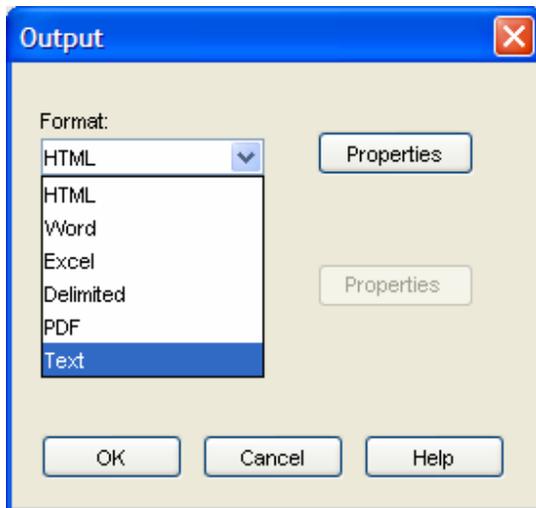
Date: April 2005

This release letter accompanies the software for DQpowersuite Version 5.24. Enhancements and changes to DQvista, DQbroker, and DQadmin are described. See the readme file on the distribution CD for more information about installing the components of the DQpowersuite.

DQvista enhancements

Text output format available

A new output format type has been added for DQvista column and paragraph reports. To access the new format type, select it from the **Format** drop-down list available in the **Output** dialog box:



Choose the **Properties** button if you want to specify the number of lines per page or a paragraph report line size.

Summary-only reports now available

You can now create summary-only reports — reports with no detail information — in DQvista. To create a report that contains summary data only, specify groups, aggregates, etc., but do not specify columns. For example, you can create a report that shows information by division and department without displaying detail information such as employees' names, job titles, etc.

Allow for database connection pooling

In earlier releases, DQvista did not pool database connections if you were using session authentication. When running DQvista batch reports from a browser via the `UrlRunServlet`, each user had his or her own session and each session had its own connection to *DQbroker*. If a large number of users were running DQvista reports, a large number of mostly idle connections to *DQbroker* could result. Now, the connections used by batch sessions to access *DQbroker* are kept in a pool. When a batch session runs a report, it gets a connection from the pool, runs the report, and returns the connection to the pool — making it available for reuse by another batch session. Database connection pooling is only used for batch report sessions — reports run via the `UrlRunServlet` — when session authentication is being used. It is not used for DQvista client sessions or for batch report sessions that use basic authentication.

Log in required for accessing user files

You must now be logged in before you can access any files in the "users" file folder via HTTP — that is, "users" under the DQvista root. If you are not logged in and you try to access a file in the "users" folder, you are prompted for a login. However, anyone can access files stored in the "users/shared" folder via HTTP because shared files are treated as public. Therefore, place any HTML files that are used as front-ends to DQvista specs in the "users/shared" folder. Users can access these HTML files, but are not required to log in until he or she clicks on a link that runs a DQvista report.

Log file name with date and time

If a file named **service.dbg** is present in the same directory as the DQvista service, then each time the service comes up a different log file name (with date and time included) is used. Otherwise, the same log file name **DQvistaservice.log** is used. This process ensures that the log file is not overwritten when trying to debug service problems.

DQbroker enhancements

Implemented licensing for MySQL data sources

DQbroker now provides access to MySQL data sources, so licensing for this new data source type has been enabled.

Added support for SQL function FILEEXIST

This function allows you to test whether a file exists on the server where the `dqserver` process is running. The function returns a 1 or a 0 depending on whether the file is present.

The following example tests whether a file exists:

```
SELECT FILEEXIST('C:\Windows\explorer.exe')
```

Note: The FROM clause is not required and the file name is case-sensitive when executed on a Unix server.

This example tests whether a file does *not* exist:

```
SELECT * FROM TABLE WHERE FILEEXIST('C:\Windows\explorer.exe') = 0
```

DQadmin enhancements

Option to control when emails concerning jobs are sent

A new check box option called **Send email only on failure** is available on the **Scheduling** tab of the **Properties** dialog box. It allows you specify that the notification email be sent only when the job fails.

Note: This enhancement requires a matching update to DQbroker 5.24.

Logging available for individual jobs

A new option allows you to enable logging for jobs on an individual basis rather than having to log information for the entire server. It is available on the **Options** tab of the **Properties** dialog box and is called **Enable server logging**. Setting this option makes it easier to track down individual problems without weighing down the entire server.

Note: This enhancement requires a matching update to DQbroker 5.24.

Displaying column names alphabetically

A new check box option called **Display column names alphabetically** is available in the **Properties** dialog box for the **Preferences** command. If you check this option, all column names appear in alphabetical order in all areas of *DQadmin*, including Query Builder. A similar option was added to the Options menu in *DQview Query Builder*. However, this option is not visible when you run the Query Builder from within *DQadmin* because the setting in the **Properties** dialog box for the **Preferences** command takes precedence over it.