To: DQvista Sites
RE: DQvista Version 3.00.0017

DQvista Version 3.00.0017 and Notes on Upgrading from Version 2.0

This document accompanies the DQvista software and DQvista Getting Started. Version 3.00.0017 contains the enhancements described in this letter. Read DQvista Getting Started for more specific information about the installation and validation procedures and other considerations.

New functions

user function
Syntax:

user()

The user function returns the name of the DQvista user for the current session.

ifnull function
Syntax:

ifnull(<expression>,<value>)

The ifnull function returns a specified value when the value of an expression is null. The value must be of the same data type as the expression.

convert function
Syntax:

convert(<non-boolean expression>,<data type>)

The convert function converts an expression of one data type to another. Data type is one of the following:

sql_char
sql_numeric
sql_date
sql_timestamp

Updating from DQvista Version 2.0 to DQvista Version 3.0
Changes in Version 3.0 affect where DQvista saves report specifications and output. Items in the DQbroker repository are also affected. The following discussion describes these changes. The installation program for DQvista automatically converts any version 2.0 elements when you install version 3.0.

Because of changes to the DQbroker repository, you must install the version of DQadmin that is distributed with DQvista 3.0 before you try to make changes to DQvista settings. This will install the DQvista OCX for DQadmin version 3.0. (You can verify this version number in DQadmin us ing the About DQvista Admin command in the DQvista menu.)

Directory structure changes
In version 2.0, user specs and output files were stored in separate subdirectories in the DQvista root directory (usually, C:\Program Files\DQvista). A directory called "shared" was at the same level as the user directory and was the only place you could store shared specs. For example, if you had two users named "sam" and "joe" DQvista would create the following directory structure:

C:\Program Files\DQvista\specs\joe

                                    \sam
                                    \shared
                        \output\joe
                                    \sam
                                    \shared

This was the "default" directory structure. The administrator could specifically name directories for users' specs and output. This is no longer true in version 3.0.

In version 3.0, the directory structure is simplified so that there is a single directory for each user and a single shared directory. There is a new subdirectory called "users" in the DQvista root directory. Also, each user now has a "public" directory that other users can see. (In 2.0, users could share files only in the "shared" directory. Not all users had access to the shared directory.)

The new directory structure looks like this:

C:\Program Files\DQvista\users\joe

                                    \joe\public
                                    \sam
                                    \sam\public
                                    \shared

DQadmin (DQvista OCX) changes
Version 3.0 contains the following changes to DQadmin (in the DQvista OCX):

- The user settings are different for report and security options.
- The DQvista settings are different. (They allow you to validate multiple DQvista servers.)

Repository changes
Version 3.0 necessitates changes in the DQbroker repository to accommodate the new features: namely, validation for multiple DQvista servers and changes to user settings.

The conversion program
DQvista Version 3.0 includes a program called conversion.exe in the DQvista root directory. The DQvista setup program determines if any version 2.0 components are present. If there are any, it runs the conversion program, which performs the following functions:

- It copies existing user files from the "specs" and "output" directories to the new "users" directory, using the structure described on the preceding page. Note: The conversion program does not remove the older files, but rather leaves them as backup copies. If you want to remove these files, you must do so manually.
- It makes changes to the DQbroker repository necessary to accommodate the new features in DQvista 3.0.