

## Advanced Database Query Automaton

### Product Information Page:

[http://www.advancedreliablesoftware.com/advanced\\_database\\_query\\_automaton.html](http://www.advancedreliablesoftware.com/advanced_database_query_automaton.html)

**Advanced Database Query Automaton** is a scriptable relational database client utility that allows execution of SQL (Structured Query Language) statements on Microsoft SQL Server and MySQL databases. Resultsets returned by select statements are automatically persisted as CSV (Comma Separated Values) spreadsheets.

Default installation path:

32-bit operating system

"C:\Program Files\AdvancedReliableSoftware\  
AdvancedDbQueryAutomaton\AdvancedDbQueryAutomaton.exe"

64-bit operating system

"C:\Program Files (x86)\AdvancedReliableSoftware\  
AdvancedDbQueryAutomaton\AdvancedDbQueryAutomaton.exe"

### Step 1 – Create XML Configuration File

Execute AdvancedDbQueryAutomaton.exe in order to create an XML configuration file, AdvancedDbQueryAutomaton.xml, populated with default settings.

The XML configuration file will be created in one of the below folders, depending on your operating system:

My Documents\AdvancedReliableSoftware\AdvancedDbQueryAutomaton

Documents\AdvancedReliableSoftware\AdvancedDbQueryAutomaton

### Step 2 (Optional) – Download MySQL Driver

The application connects to MySQL database servers via MySQL Connector ODBC 3.51 driver. This driver can be downloaded from

<http://www.advancedreliablesoftware.com/downloads.html>

This driver must be installed on the target machine in order to execute SQL statements on MySQL databases, but is not required for Microsoft SQL Server functionality.

### Step 3 – Modify XML Configuration File

Sample AdvancedDbQueryAutomaton.xml:

```
<?xml version="1.0" encoding="UTF-8" ?>
- <AdvancedDbQueryAutomaton>
  <MACAddress />
  <ActivationCode />
  <OtherActivationCodes />
  <IsDatabaseSqlServer>True</IsDatabaseSqlServer>
  <DatabaseServer>localhost</DatabaseServer>
  <DatabaseName>Northwind</DatabaseName>
  <UseWindowsAuthentication>True</UseWindowsAuthentication>
  <DatabaseLogin />
  <DatabasePassword />
  <SqlStatement>select * from Employees</SqlStatement>
</AdvancedDbQueryAutomaton>
```

IsDatabaseSqlServer - Enter True if database is a Microsoft SQL Server database. For MySQL enter False.

DatabaseServer - Database server name or IP address.

DatabaseName - Database name.

UseWindowsAuthentication – Enter True if using Windows Authentication and False if using SQL Server Authentication. For MySQL always enter False.

DatabaseLogin - Database login that is allowed to access above database.

DatabasePassword - Corresponding database login password.

SqlStatement - SQL statement to be executed on the database.

### Step 4 (Optional) – CSV Output Directory

Resultsets returned by select statements are persisted in CSV format to one of the below folders, depending on your operating system:

My Documents\AdvancedReliableSoftware\AdvancedDbQueryAutomaton\Resultsets

Documents\AdvancedReliableSoftware\AdvancedDbQueryAutomaton\Resultsets

## **Step 5 (Optional) – 64-bit Windows Operating Systems**

On 64-bit Windows operating systems the application will be installed to

C:\Program Files (x86)\AdvancedReliableSoftware directory.

On 64-bit Windows operating systems use below path to execute the application:

```
"C:\Program Files (x86)\AdvancedReliableSoftware\  
AdvancedDbQueryAutomaton\AdvancedDbQueryAutomaton.exe"
```