



How to install DBXL via command line

Database Accelerator (DBXL) can be installed by using an external configuration file via the command line. This would allow, for example, quick deployment to numerous machines. This document will explain this process for both the Server and Standalone editions of DBXL.

As you set up this scenario, make sure to place the configuration file, the MSI, the setup.exe and the CMD file in the same folder.



CONFIGURATION FILE

Create a configuration file called **InstallerSettings.xml**. Its contents will contain the properties needed for the successful installation of DBXL, along with the value for each. Please update the values for the keys according to your scenario.

```
<?xml version="1.0" encoding="utf-8" ?>
<dbxl>
  <property name="QuietMode" value="true" />

  <!-- SITE configuration -->
  <property name="hostname" value="localhost" /> <!-- e.g. www.mysite.com -->
  <property name="port" value="8000" /> <!-- -->
  <property name="protocol" value="http" /> <!-- http|https -->
  <property name="AppPoolName" value="" />

  <!-- Service Logon configuration -->
  <property name="ServiceLogonType" value="Predefined" /> <!-- Predefined|SpecificUser -->
  <property name="ServiceAccount" value="Network Service" />
  <property name="ServicePassword" value="" />

  <!-- Document Security configuration -->
  <property name="DbxlAdminGroupAlias" value="DbxlAdmins" />
  <property name="AdminGroupAlias" value="DbxlAdmins" />
  <property name="WriterGroupAlias" value="" />
  <property name="ReaderGroupAlias" value="" />
  <property name="BrowserGroupAlias" value="NT AUTHORITY\Authenticated Users" />
  <property name="EnableGlobalUserPermissions" value="True" />

  <!-- Active Directory configuration -->
  <property name="ActiveDirectoryPath" value="LDAP://DC=AutonomySystems,DC=local" />

  <!-- SQL Server connection configuration -->
  <property name="SQLServer" value="(LOCAL)\SQLEXPRESS" />

  <property name="sqlauth" value="Windows" /> <!-- Windows|SQL -->
  <property name="sqluser" value="" />
  <property name="sqlpassword" value="" />
  <property name="QdabraDBXL" value="QdabraDBXL" />
  <property name="QdabraUtility" value="QdabraUtility" />
  <property name="UseExistingDatabases" value="False" />
</dbxl>
```

Note that setting the property "QuietMode" to *true* will avoid dialogs.

Update the settings according to your environment, and then save the configuration xml.



COMMAND FILE

Please create a file called **INSTALL-DBXL.CMD**. Its contents will be:

```
SET INSTALLDIR=%~dp0

SET MSIPATH=%INSTALLDIR%Qdabra DBXL Standalone Edition.msi

SET DBXLCONFIG=%INSTALLDIR%InstallerSettings.xml

REM Install with NO UI (using /qn and QuietMode=true in config)

REM msiexec /qn /I "%MSIPATH%" DBXLCONFIG="%DBXLCONFIG%"

REM Install with regular UI and defaults from config file (QuietMode=false in config)

msiexec /I "%MSIPATH%" DBXLCONFIG="%DBXLCONFIG%"
```

NOTES

- To install without UI, you must uncomment the line in red (which uses the /qn switch), and comment out the final line (which does not).
- The value for DBXLCONFIG does not need to be updated as long as you named the configuration file InstallerSettings.xml.
- The value for MSIPATH must be updated according to the version being installed:
 - **Standalone edition:** Qdabra DBXL Standalone Edition.msi
 - **Server edition:** Qdabra DBXL Server Edition.msi

SERVER

The installation command for the server edition contains additional parameters, as seen below:

```
msiexec /I "%MSIPATH%" /qn TARGETSITE=/LM/W3Svc/1824425820 TARGETVDIR=QdabraWebService
DBXLCONFIG="%DBXLCONFIG%"
```

In that command:

- TARGETSITE=/LM/W3Svc/X (where X is the site ID)
- TARGETVDIR (optional unless you want different than QdabraWebService)
- DBXLCONFIG (must be the **full** path to xml file)



EXECUTION

Once the command file (previous section) is ready, save it to the folder that contains the configuration file, the MSI and the setup.exe.

Open a command prompt as an Administrator, and then execute the command file (**INSTALL-DBXL.CMD**).

