



Product: Database Accelerator (DBXL) v2.4

Title: Using the Encryption Tool for web.config connection strings

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HOW TO ENCRYPT A CONNECTION STRING IN A WEB.CONFIG

If your DBXL instance needs to use SQL connection strings that contain sensitive information, such as usernames and passwords, you can use this simple encrypt tool to convert them into an encrypted form to use in DBXL's web.config file. DBXL will be able to use these encrypted connection strings, but other people will not be able to get the sensitive data from them.

Let's walk through the steps with an example:

1. Place the **EncryptTool** in any folder.
2. Open windows command prompt, and navigate to the folder where **EncryptTool** was placed, and run the tool as follows:

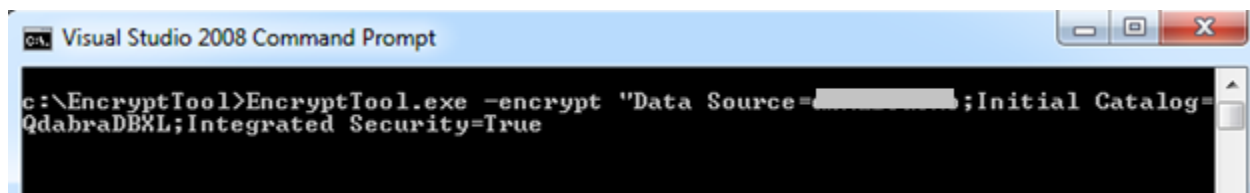
```
EncryptTool.exe -encrypt CONNECTION STRING
```

Replace CONNECTION STRING with your actual connection string. If your connection string contains spaces, you should enclose it in quotation marks. The tool will produce the encrypted string on the next line of the command line, like this:

```
C:\>EncryptTool.exe -encrypt "Data Source=(LOCAL);Initial Catalog=QdabraDBXL;Integrated Security=True"
jkCL9AKZlpLc7w0/lcWt/F1Sf6SU57jl6ajn9xcZM4234G2NJSZo7xFbe1VfigxouvHUPr6A5+qt6mwq78jit3MyrwKkmcS8
WNUMz2aw8c=
```

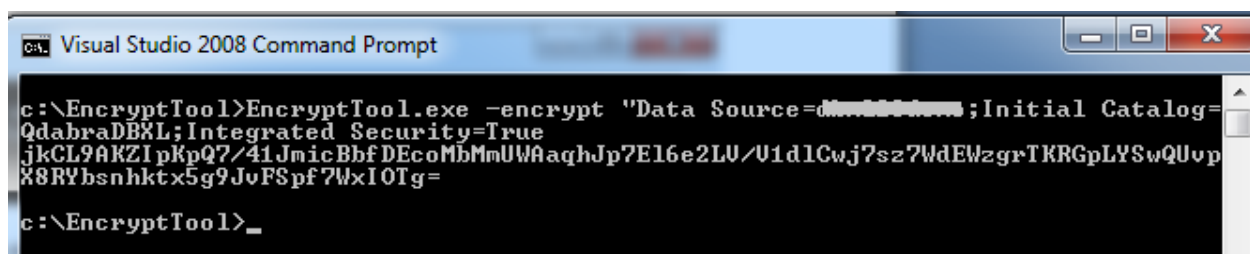
Please use this entire string in your web.config file, without any preceding or following spaces.

3. For example, if you want to encrypt the connection string value under <appSettings> section, then copy the connection string value to a clipboard and use the EncryptTool to encrypt as shown below:



```
Visual Studio 2008 Command Prompt
c:\EncryptTool>EncryptTool.exe -encrypt "Data Source=;Initial Catalog=QdabraDBXL;Integrated Security=True"
```

You should see the output similar to the below one:



```
Visual Studio 2008 Command Prompt
c:\EncryptTool>EncryptTool.exe -encrypt "Data Source=;Initial Catalog=QdabraDBXL;Integrated Security=True"
jkCL9AKZlpLc7w0/lcWt/F1Sf6SU57jl6ajn9xcZM4234G2NJSZo7xFbe1VfigxouvHUPr6A5+qt6mwq78jit3MyrwKkmcS8
WNUMz2aw8c=
c:\EncryptTool>
```



4. Now, copy the encrypted string to a clipboard, and replace the connection string value in the web.config with the encrypted string. The connection string should look something similar to the below one:

```
<add key="ConnectionString"
value="jkCL9AKZlpKpQ7/41JmicBbfDEcoMbMmUWAaqhJp7El6e2LV/V1dICwj7sz7WdEWzgrTKRGpLYSwQ
UvpX8RYbsnhktx5g9JvFSpf7WxIOTg=" />
```

5. Set the **EncryptedConnectionString** value to **true**:

```
<add key="EncryptedConnectionString" value="true" />
```

6. Save the web.config file.
7. Now you will be able to open DBXL DAT, and able to create or edit configurations.
8. Similarly, you can also encrypt the connection strings in the server node under <enumDB> section.



SUPPORT

If you have questions about the information in this document, please contact us for assistance.

Licensed customers can contact us via Support@Qdabra.com. Alternatively, please use the InfoPathDev.com [Qdabra](http://Qdabra.com) [Product support forums](http://Qdabra.com) to request help.



<http://www.qdabra.com>

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