



SQL Mapping for rich text fields using DBXL

Starting with DBXL v2.4, the Qdabra Web Service has added support for mapping rich text into the SQL database. In DAT, you'll notice the addition of two new mapping options: "String(InnerXml)" and "String(OuterXml)". These allow you to map rich text data into SQL.

Table Name (2 Columns) ▼	Node Path		
SampleTable	/my:myFields		
Column Name	DB Type	Key	Node Path
Author	String(Out	<input type="checkbox"/>	my:RichText1
Name	Select...	<input type="checkbox"/>	my:Title
Insert Table or Column Insert Table or Column			
Powered by: Qdabra® Database Accelerator Copyright © 2008 Qdabra S... Qdabra and the Qdabra logo... Service URL: HTTP://RUSTAN-91D4A8C4/Qdabra... XL Version: 2.4.3938.16773 10/13/2010 2:19 AM m Version: 2.4.0.510			

We'll illustrate the difference between InnerXml and OuterXml with two examples.

Example #1:

String(OuterXML) result: `<my:Title><div>
InnerXML</div></my:Title>`

String(InnerXML) result: `<div>
InnerXML</div>`

Example#2:

String(OuterXML) result:

```
<my:myFields
  xmlns:my="http://schemas.microsoft.com/office/infopath/2003/myXSD/2010-
  10-12T19:13:08" xml:lang="en-us">
  <my:Title>Title1</my:Title>
```



<http://www.qdabra.com>

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```

<my:RichText1>
  <strong xmlns="http://www.w3.org/1999/xhtml">
    <font style="BACKGROUND-COLOR: #ffff00" color="#ff0000">Rich Text
1</font>
  </strong>
</my:RichText1>
<my:RichText2>Rich Text 2</my:RichText2>
</my:myFields>

```

String(InnerXML) result:

```

<my:Title
xmlns:my="http://schemas.microsoft.com/office/infopath/2003/myXSD/2010-
10-12T19:13:08">Title1</my:Title>
<my:RichText1
xmlns:my="http://schemas.microsoft.com/office/infopath/2003/myXSD/2010-
10-12T19:13:08">
  <strong xmlns="http://www.w3.org/1999/xhtml">
    <font style="BACKGROUND-COLOR: #ffff00" color="#ff0000">Rich Text
1</font>
  </strong>
</my:RichText1>
<my:RichText2
xmlns:my="http://schemas.microsoft.com/office/infopath/2003/myXSD/2010-
10-12T19:13:08">Rich Text 2</my:RichText2>

```

USING RICH TEXT DATA

If you wish to retrieve rich text data from a SQL table and display it in an InfoPath form, you can use QueryDB to obtain the data from SQL. Then, using code, it is a simple assignment of the richtext node to the string value returned from QueryDB (e.g. richtextNode.InnerXml = node.Value).

Rich text containing embedded images, tables, hyperlinks, and linked images all successfully round-trip in the following scenario:

1. User enters rich-text data into InfoPath
2. Form submits to DBXL
3. DBXL maps to SQL
4. Another InfoPath form calls QueryDB
5. InfoPath controls display the retrieved rich-text data.

You may run into issues depending on the consuming application (e.g. SQL Reports) and whether the application you are using is capable of displaying rich text.

SUPPORT

If you have questions about the information in this document, please contact us for assistance. Licensed customers contact us via Support@Qdabra.com. Alternatively, please use the [InfoPathDev.com Qdabra Product support forums](http://InfoPathDev.com) to request help.



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