

TECHNOTE [35/2014]

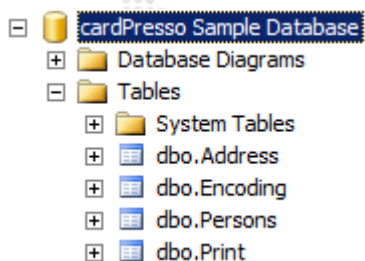
DATE: DECEMBER, 2014

AUTHOR: cardPresso TECHNICAL SUPPORT

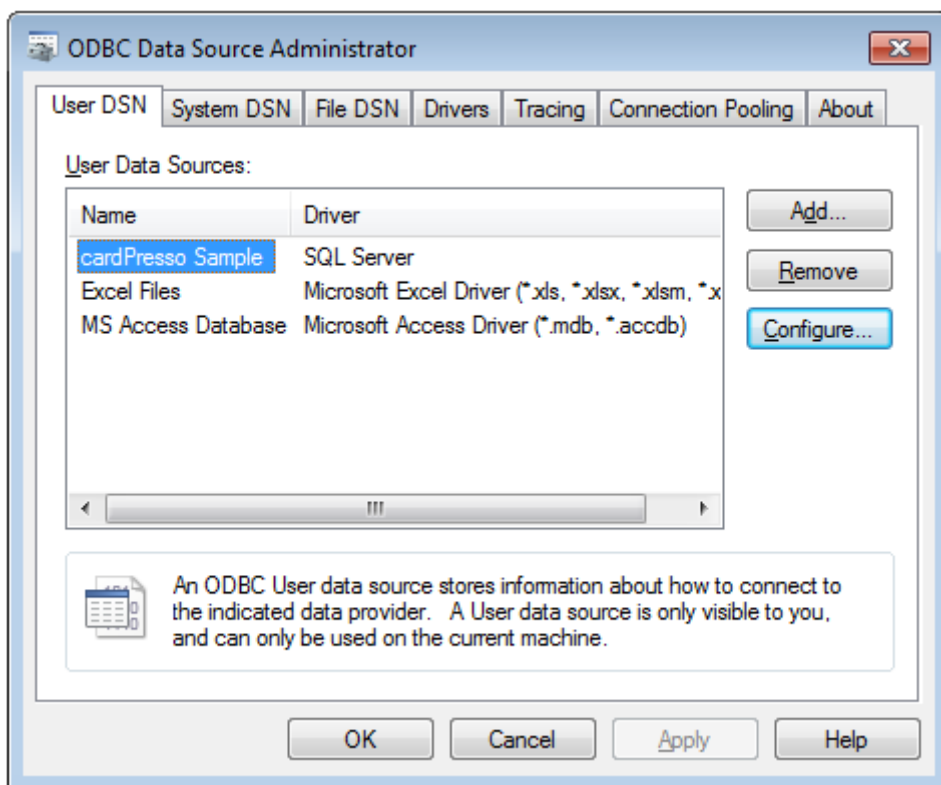
PRODUCT/AREA: Database

SQL examples in cardPresso Script Tab

This is a part of the Database structure used for this example.



For a more easy access connection to the database it is advised to add the Data Source in the ODBC Administrator.



In cardPresso it is possible to connect to a different database than the one connected through the cardPresso Database connect wizard.

```
When Document Loaded

DRIVER ="QODBC";

DATABASE = "cardPresso Sample";

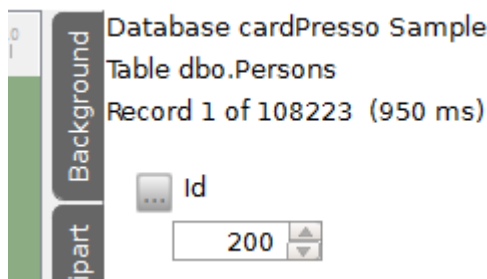
HOST ="192.168.1.193";
PORT ="";

OPTIONS =

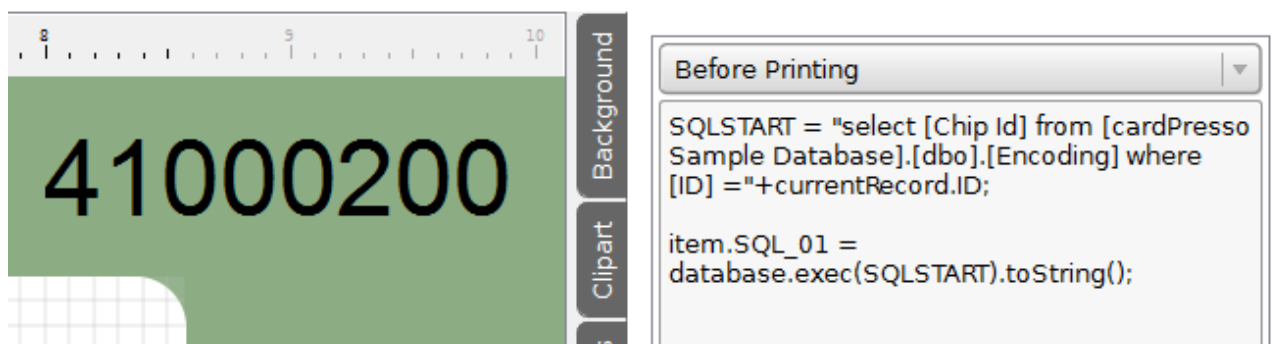
USERLOGIN ="sa";
USERPASS ="xxxxxxx";

database[2].open(DRIVER,DATABASE,HOST,P
ORT,OPTIONS,USERLOGIN,USERPASS);
```

We connected our design to the Table "Persons".



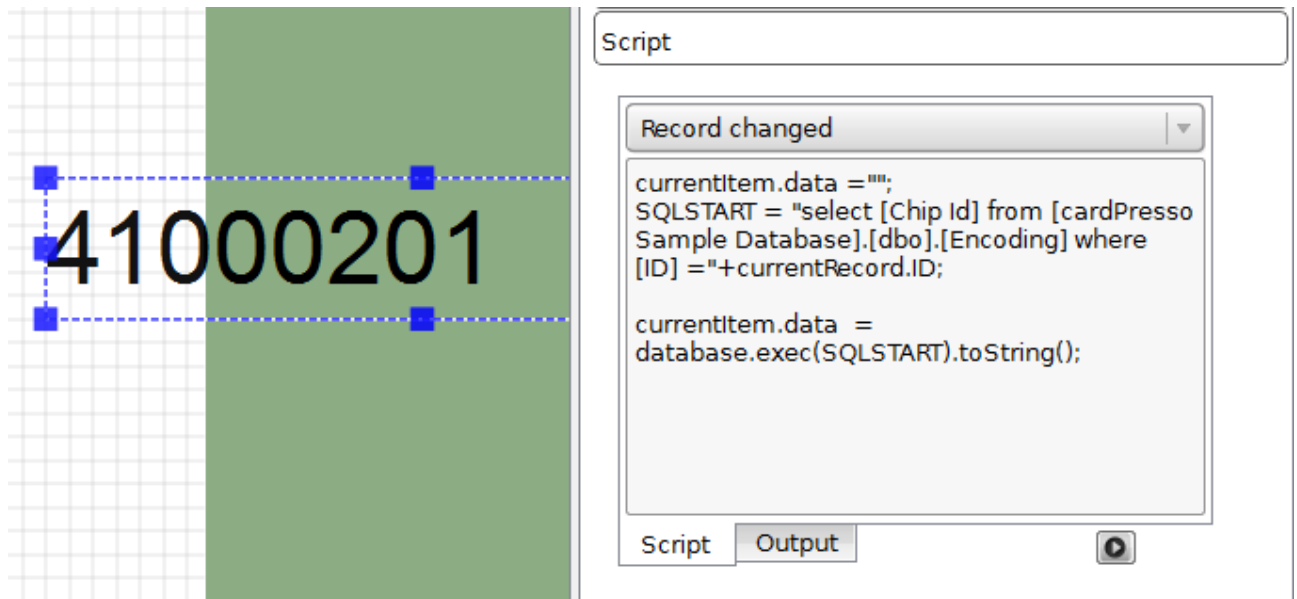
And in the example below we are updating a specific design item with information from the Table "Encoding".



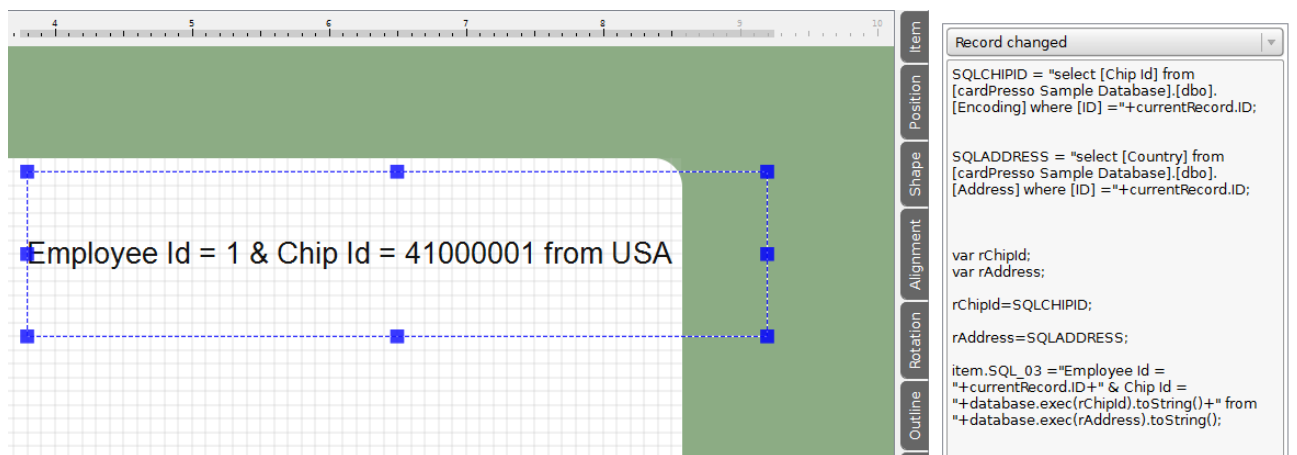
If the select is based on a string field, the select statement has to be adapted by adding the 'where' needed, for example, "... where [ID] = '"+currentRecord['String']+"'";

Please note that the result variable has to be equaled to the execute statement.

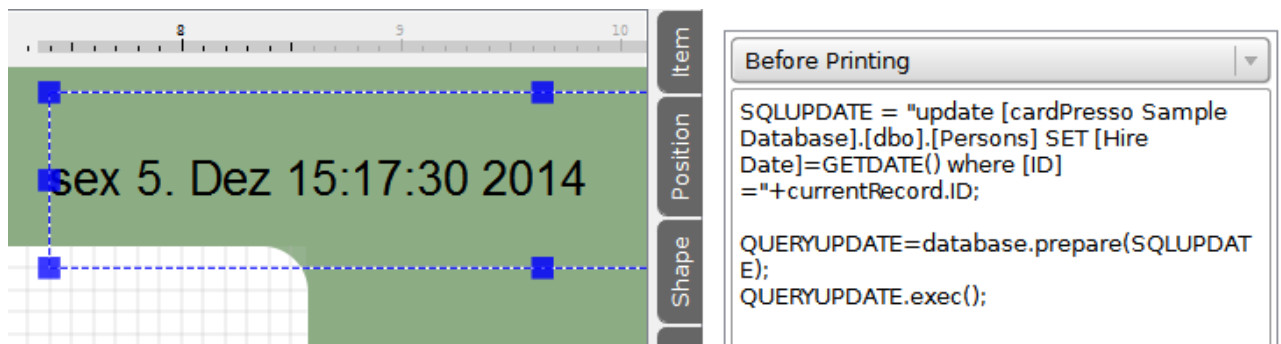
It is also possible to use scripts in the Script tab of the design item, in that case we call it "currentItem".



It is also possible to do a concatenation of several records with static separators.

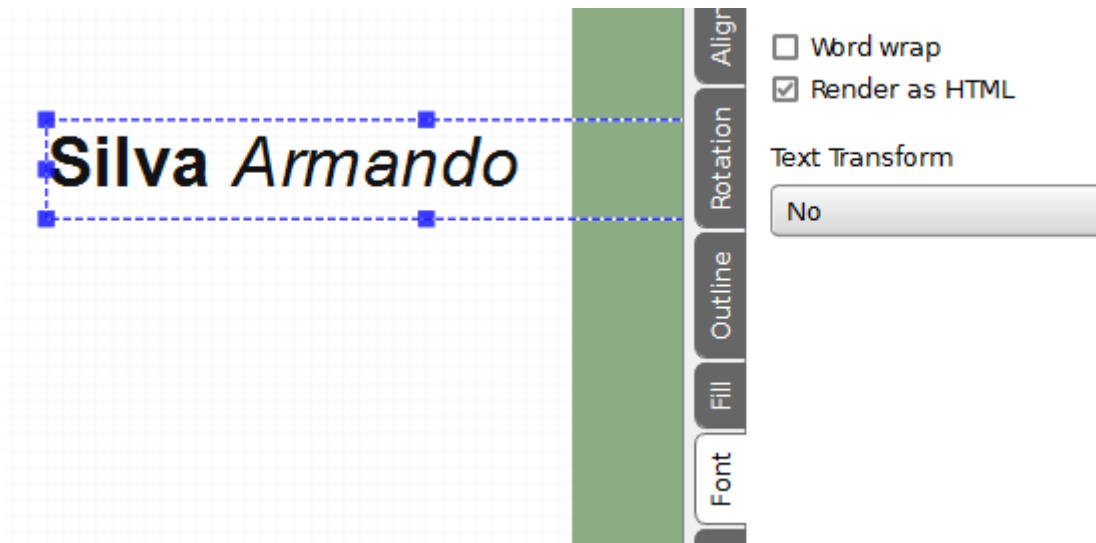


Below we exemplify how to use an UPDATE command in JavaScript.

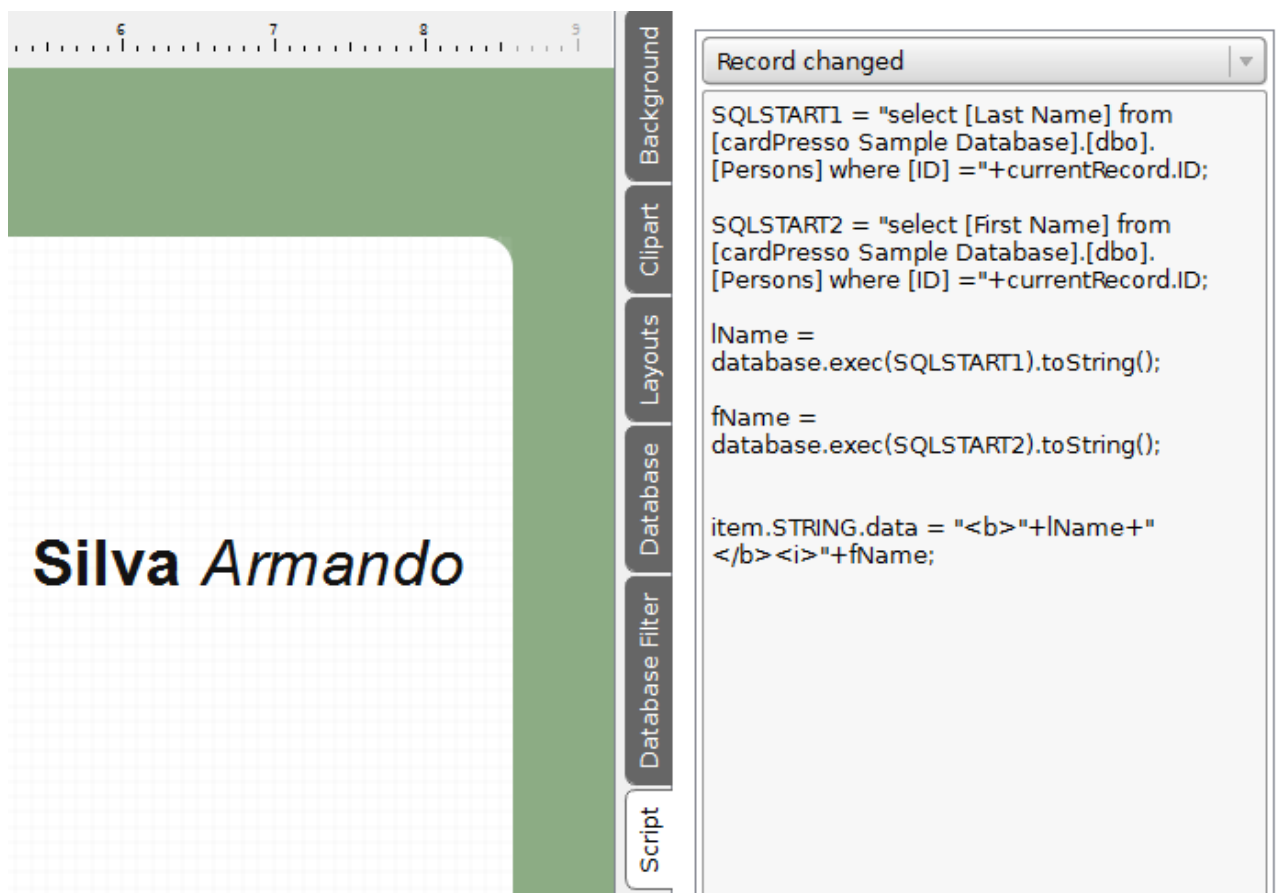


Please note that the command has to be prepared and then executed.

With **Render as HTML** active in a text item.

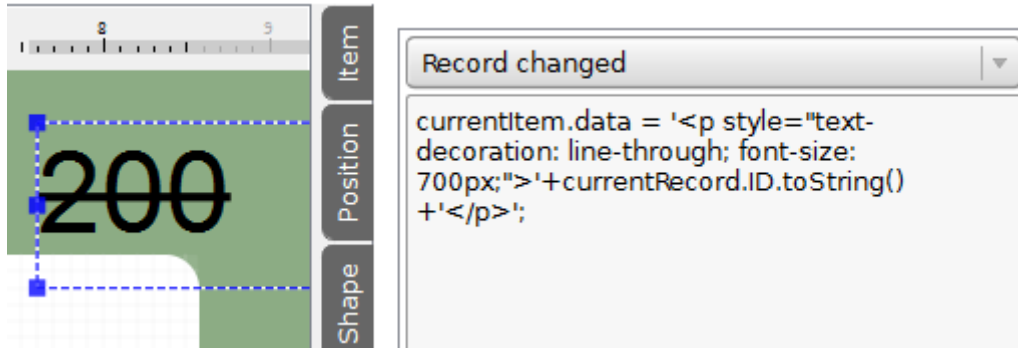


It is possible to use HTML on text from the database and concatenate.



Among the HTML commands we have tested the commands for text-decoration, line-height, font-size (px) and color (Hex RGB).

Please note that in this case we need to use ' as string separators.



Database connect sample:

```
DRIVER = "QODBC";
DATABASE = "CONNECTION NAME";
HOST = "xxx.xxx.xxx.xxx";
PORT = "";
OPTIONS =
USERLOGIN = "YOUR USER";
USERPASS = "YOUR PASSWORD";
database[2].open(DRIVER,DATABASE,HOST,PORT,OPTIONS,USERLOGIN,USERPASS);
```

Sample to update a specific item:

```
SQLSTART = "select [Chip Id] from [cardPresso Sample Database].[dbo].[Encoding] where [ID] = "+currentRecord.ID;
item.SQL_01 = database.exec(SQLSTART).toString();
```

Sample to update the selected item:

```
currentItem.data = "";
SQLSTART = "select [Chip Id] from [cardPresso Sample Database].[dbo].[Encoding] where [ID] = "+currentRecord.ID;
currentItem.data = database.exec(SQLSTART).toString();
```

Sample to update a specific item with a concatenation of results:

```
SQLCHIPID = "select [Chip Id] from [cardPresso Sample Database].[dbo].[Encoding] where [ID] = "+currentRecord.ID;
SQLADDRESS = "select [Country] from [cardPresso Sample Database].[dbo].[Address] where [ID] = "+currentRecord.ID;
var rChipId;
var rAddress;
rChipId=SQLCHIPID;
rAddress=SQLADDRESS;
item.SQL_03 = "Employee Id = "+currentRecord.ID+" & Chip Id = "+database.exec(rChipId).toString()+" from "+database.exec(rAddress).toString();
```

Sample to update a record of the database:

```
SQLUPDATE = "update [cardPresso Sample Database].[dbo].[Persons] SET [Hire  
Date]=GETDATE() where [ID] =" +currentRecord.ID;  
QUERYUPDATE=database.prepare(SQLUPDATE);  
QUERYUPDATE.exec();
```

Sample to update a specific item with text Rendered as HTML with concatenation:

```
SQLSTART1 = "select [Last Name] from [cardPresso Sample Database].[dbo].[Persons] where  
[ID] =" +currentRecord.ID;  
SQLSTART2 = "select [First Name] from [cardPresso Sample Database].[dbo].[Persons] where  
[ID] =" +currentRecord.ID;
```

```
lName = database.exec(SQLSTART1).toString();  
fName = database.exec(SQLSTART2).toString();  
item.STRING.data = "<b>" +lName+" </b><i>" +fName;
```

Sample to update a specific item with text Rendered as HTML:

```
currentItem.data = '<p style="text-decoration: line-through; font-size:  
700px;">' +currentRecord.ID.toString()  
+'</p>';
```