

## Introduction

In Dreamweaver 8.02, when a dynamic page generated with the ASP JavaScript server model attempts to update an Access memo field or Microsoft SQL server nText field, "null" is displayed instead of the memo field value. While the issue applies to DataAssist, the described fix could be applied to any affected dynamic page.

The issues stems from the changed Recordset server behavior in Dreamweaver 8.02 which does not properly alter the cursor location property. This TechNote shows you how to fix this problem by adding a single line of code.

## The Issue

The Dreamweaver 8.02 release of Dreamweaver updated the server-side code generated by Dreamweaver to protect databases against SQL Injection. Unfortunately, Dreamweaver 8.02 no longer allows the database property called CursorLocation to be set from the Property inspector. The CursorLocation property determines where the recordset should be stored, on the server (the default, represented by the number 2) or on the client (3). The default is to store the recordset on the server and this is most often the proper choice. However, in circumstances where either Access memo fields or SQL Server nText fields are used, the recordset must be stored on the client or these fields will display a Null value instead of the expected memo field value.

**Note:** This issue is only evident in ASP JavaScript.

## The Solution

To correct the problem, you'll need to add a single line of code that explicitly sets the CursorLocation property to your recordset code. Here are the necessary steps:

1. From the **Server Behaviors panel**, select your recordset server behavior.
2. Switch to **Code view** to display the selected recordset code.

3. Locate the code line which opens the recordset. If your recordset is named rsExample, the code will look like this:

```
var rsExample = rsExample__cmd.Execute();
```

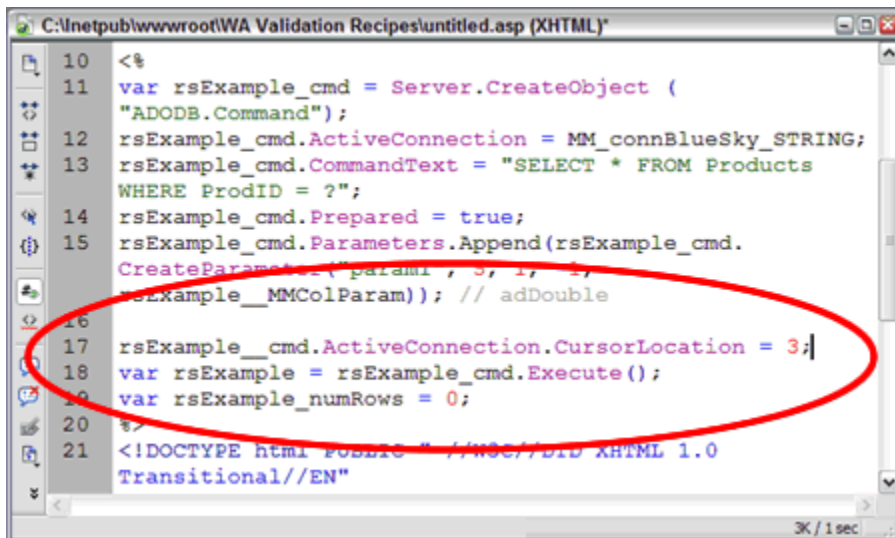
4. Place your cursor in front of the located code line and press **Enter** (Windows) or **Return** (Mac).

It's important to maintain a blank line between the two code blocks.

5. Insert the following code:

```
rsExample__cmd.ActiveConnection.CursorLocation = 3;
```

Please note that a double underscore separates the recordset name from the cmd.ActiveConnection.CursorLocation property.



The screenshot shows a web browser window displaying ASP code. The code is as follows:

```
10 <%
11 var rsExample_cmd = Server.CreateObject (
   "ADODB.Command");
12 rsExample_cmd.ActiveConnection = MM_connBlueSky_STRING;
13 rsExample_cmd.CommandText = "SELECT * FROM Products
   WHERE ProdID = ?";
14 rsExample_cmd.Prepared = true;
15 rsExample_cmd.Parameters.Append(rsExample_cmd.
   CreateParameter("@param1", 3, 1, 1,
   rsExample__MMColParam)); // adDouble
16
17 rsExample__cmd.ActiveConnection.CursorLocation = 3;
18 var rsExample = rsExample_cmd.Execute();
19 var rsExample_numRows = 0;
20 %>
21 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
   Transitional//EN"
```

A red circle highlights the line `rsExample__cmd.ActiveConnection.CursorLocation = 3;` in the code editor.

6. Save your page.

It is important to note that the fix will be removed should the recordset be opened and re-applied. If this happens, you'll need to repeat the above steps to re-insert the code.