

## Re: ASP Login Script not working

**Source:**

<http://www.tech-archive.net/Archive/Internet-Server/microsoft.public.inetserver.asp.db/2004-06/0391.html>

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**From:** Wayne Smith (*wayne.smith2004(NoSpam)\_at\_ntlworld.com*)

**Date:** 06/21/04

Date: Mon, 21 Jun 2004 15:40:19 +0100

I'm sure if I were more knowledgeable with ASP I would do just that, but alas I'm not and your reply helps me little

"IPT" <iwan@swopt.com> wrote in message news:uvwzpFzVEHA.3472@TK2MSFTNGP09.phx.gbl...  
What a complicated scripts you have, with lotsa unnecessary codes. Throw that book away.

"Wayne Smith" <wayne.smith2004(NoSpam)@ntlworld.com> wrote in message news:ur1o0ssVEHA.2544@TK2MSFTNGP10.phx.gbl...

Applies to: Microsoft FrontPage 2000, Microsoft Access 2000, IIS 5.0  
Operating System: Microsoft Windows 2000 Professional

I am trying to protect a portion of a web site by allowing users to register a username and password & then login with those details, but so far I am having only marginal success. I am far from an expert on ASP programming, indeed the code I am using comes from "Sams Teach Yourself E-Commerce Programming with ASP" but it is ideally suited for my purpose.

In short, there are 3 .asp pages (register.asp, login.asp & checkpassword.asp – the code for each is below), a global.asa file was automatically created and by following the instructions in the book, I also created a small Access database called UserDB.mdb, which stores the username & password of each user when they register & also verify's those details when the user attempts to login again.

The DNS connection has been setup within FrontPage and I have verified that this connection works by clicking "Tools", "Web Settings" & the "Database" tab, highlighting the DNS connection & clicking Verify.

The problems seem to occur when I try to register a new username & password, for some strange reason the details I enter are not being saved in the database table, and to compound the problem further, if I register just a username, or a password but not both, the page simply refreshes itself with empty boxes instead of giving an error message to indicate that a "username" or "password" must be entered, which if I have read the code correctly on the "checkpassword.asp" page, should happen.

To further confuse the situation, if I manually enter a username & password into the database table and then attempt to click a hyperlink taking me to a "test.asp" page, with the INCLUDE FILE: <!-- #INCLUDE FILE="checkpassword.asp" -->, I am automatically taken to the login.asp, where if I enter the username & password that I manually put into the database table, it takes me to the selected "Protected" web page. In my mind that clearly shows the DNS connection is working but yet it won't store new registered details into the database table, which is extremely confusing.

If anyone can see what I may be doing wrong, or point me in the right direction, your help & advice will be greatly appreciated. As I pointed out earlier I am far from an expert, so any help you can give would be ideally suited towards a newbie mentality.

Below is the code for the three .asp pages:

Many thanks in advance  
Wayne Smith

register.asp

```
<%
nextPage = Request( "nextPage" )

newUsername = Request( "newUsername" )

newPassword = Request( "newPassword" )

%>

<HTML>

<HEAD><TITLE>Register</TITLE></HEAD>

<BODY>

Register at this Web site by selecting a username and password:

<FORM METHOD="post" ACTION="<%=nextPage%>">

<INPUT NAME="newUser" TYPE="hidden" VALUE="1">

<P><B>USERNAME:</B>

<INPUT NAME="newUsername" SIZE=20 MAXLENGTH="20"
VALUE="<%=Server.HtmlEncode( newUsername )%>">

<P><B>PASSWORD:</B>

<INPUT NAME="newPassword" SIZE=20 MAXLENGTH="20"
```

microsoft.public.inetserver.asp.db: Re: ASP Login Script not working

```
VALUE="<%=Server.HTMLEncode( newPassword )%>">
```

```
<P><INPUT TYPE="submit" VALUE="Register!">
```

```
</FORM>
```

```
</BODY>
```

```
</HTML>
```

---

login.asp

```
<HTML>
```

```
<HEAD><TITLE>Login</TITLE></HEAD>
```

```
<BODY>
```

```
<%=loginMessage%>
```

```
<FORM METHOD="post" ACTION="<%=nextPage%>">
```

```
<P><B>USERNAME:</B>
```

```
<INPUT NAME="username" SIZE=20 MAXLENGTH="20"
```

```
VALUE="<%=Server.HTMLEncode( username )%>">
```

```
<P><B>PASSWORD:</B>
```

```
<INPUT NAME="password" SIZE=20 MAXLENGTH="20"
```

```
VALUE="<%=Server.HTMLEncode( password )%>">
```

```
<p><INPUT NAME="addCookie" TYPE="Checkbox" VALUE="1"> Remember me with a  
cookie
```

```
<P><INPUT TYPE="submit" VALUE="Login">
```

```
</FORM>
```

```
<p>
```

```
<a href="register.asp?nextpage=<%=Server.URLEncode( nextpage )%>">
```

```
Click here to register</a>
```

```
</BODY>
```

Re: ASP Login Script not working

</HTML>

---

checkpassword.asp

<%

CONST useSession = TRUE

' Retrieve Form Variables

username = TRIM( Request( "username" ) )

password = TRIM( Request( "password" ) )

newUser = TRIM( Request( "newUser" ) )

newUsername = TRIM( Request( "newUsername" ) )

newPassword = TRIM( Request( "newPassword" ) )

addCookie = TRIM( Request( "addCookie" ) )

' Retrieve Current Page

nextPage = Request.ServerVariables( "SCRIPT\_NAME" )

' Ready Database Connection

Set Con = Server.CreateObject( "ADODB.Connection" )

Con.Open "userDNS"

' Add New User

IF newUser <> "" THEN

IF newUsername = "" THEN

showError "You must enter a username"

END IF

IF newPassword = "" THEN

showError "You must enter a password"

END IF

IF usernameTaken( newUsername ) THEN

```
showError "The username you entered has already " &_  
"been chosen by a previous user. Please select " &_  
"a new username"  
  
END IF  
  
sqlString = "INSERT INTO userlist ( user_username, user_password ) " &_  
"VALUES (" & newUsername & "," & newPassword & ")"  
  
Con.Execute sqlString  
  
username = newUsername  
  
password = newPassword  
  
IF useSession THEN Session( "loggedIn" ) = "Yes"  
  
END IF  
  
' Authenticate User  
  
IF Session( "loggedIn" ) = "" THEN  
  
IF username = "" OR password = "" THEN  
  
loginMessage = "You must login before you can view this page."  
  
showLogin  
  
END IF  
  
result = validateLogin( username, password )  
  
IF result = 1 THEN  
  
loginMessage = "You entered an unregistered username."  
  
showLogin  
  
END IF  
  
IF result = 2 THEN  
  
loginMessage = "You did not enter a valid password."  
  
showLogin  
  
END IF
```

```
IF useSession THEN Session( "loggedIn" ) = "Yes"

END IF

' Add a Cookie

IF addCookie <> "" THEN

Response.Cookies( "username" ) = username

Response.Cookies( "username" ).Expires = "12/25/2037"

Response.Cookies( "password" ) = password

Response.Cookies( "password" ).Expires = "12/25/2037"

END IF

' Create Security Query String Variable

sq = "username=" & Server.HtmlEncode( username ) & "&"

sq = sq & "password=" & Server.HtmlEncode( password )

' Create Security Form Variable

sf = "<input name=""username"" type=""hidden"" "

sf = sf & "value="" & Server.HtmlEncode( username ) & "">"

sf = sf & "<input name=""password"" type=""hidden"" "

sf = sf & "value="" & Server.HtmlEncode( password ) & "">"

' Check Username and Password

FUNCTION validateLogin( theUsername, thePassword )

sqlString = "SELECT user_password FROM userlist " & _

"WHERE user_username="" & fixQuotes( username ) & """

Set RS = Con.Execute( sqlString )

IF RS.EOF THEN

validateLogin = 1

ELSE

IF RS( "user_password" ) <> thePassword THEN
```

```
validateLogin = 2
```

```
ELSE
```

```
validateLogin = 0
```

```
END IF
```

```
END IF
```

```
END FUNCTION
```

```
' Check Whether Username Already Taken
```

```
FUNCTION usernameTaken( theUsername )
```

```
sqlString = "SELECT user_id FROM userlist " & _
```

```
"WHERE user_username=" & fixQuotes( theUsername ) & ""
```

```
Set RS = Con.Execute( sqlString )
```

```
IF RS.EOF THEN
```

```
usernameTaken = FALSE
```

```
ELSE
```

```
usernameTaken = TRUE
```

```
END IF
```

```
RS.Close
```

```
Set RS = Nothing
```

```
END FUNCTION
```

```
' Show Error Page
```

```
SUB showError( theError )
```

```
%>
```

```
<HTML>
```

```
<HEAD><TITLE>Problem</TITLE></HEAD>
```

```
<BODY>
```

```
<b>There was a problem with your registration information</b>
```

microsoft.public.inetserver.asp.db: Re: ASP Login Script not working

```
<br><%=theError %>

<FORM METHOD="POST" ACTION="register.asp">

<INPUT NAME="nextpage" TYPE="hidden"

VALUE="<%=nextpage%>">

<INPUT NAME="newUsername" TYPE="hidden"

VALUE="<%=Server.HtmlEncode( newUsername )%>">

<INPUT NAME="newPassword" TYPE="hidden"

VALUE="<%=Server.HtmlEncode( newPassword )%>">

<INPUT TYPE="SUBMIT" VALUE="Continue">

</FORM>

</BODY>

</HTML>

<%

Response.End

END SUB

' Show the Login Page

SUB showLogin

%>

<!-- #INCLUDE FILE="login.asp" --->

<%

Response.End

END SUB

FUNCTION fixQuotes( theString )

fixQuotes = REPLACE( theString, """, """" )

END FUNCTION

%>
```

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