

# Re: Connect to DB on Unix machine; and File Transfer

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.compactframework/2005-09/msg008>

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- *From:* "Sarun" <[Sarun@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Sarun@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 20 Sep 2005 22:02:02 -0700
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Ginny Caughey.

Thanks for replying.

Still I will be having issues with the same. I have to create Webservice which is pointing to Unix. If it was Windows, and is to be developed in .NET, that was not a problem. But creating Webservice pointing to Unix is what I havent done earlier.

And reagarding RAPI, that also, should be developed for Unix machine. If at all, it was Windows application, how can I invoke a particular desktop application from a mobile application? Since, the application I am developing has to send files from the PPC to Desktop PC on click of a button in the PPC.

"Ginny Caughey [MVP]" wrote:

- > Sarun,
- >
- > I don't have any experience with MySQL, so I can't answer your specific
- > question unfortunately. But have you considered using Web Services as a
- > solution? That should work with any database and any OS that supports Web
- > Services.
- >
- > As for moving files between the desktop and device programmatically, there is
- > the Remote API (Rapi) which you can use from a desktop app to do things on
- > the device. There is a managed code Rapi class on [www.opennetcf.org](http://www.opennetcf.org).
- >
- > Ginny Caughey
- > ..NET Compact Framework MVP
- >
- > "Sarun" <[Sarun@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Sarun@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message
- > [news:2F052EC3-F650-4804-A3B1-173F3A1BDACA@xxxxxxxxxxxxxxxxxxxxx](mailto:news:2F052EC3-F650-4804-A3B1-173F3A1BDACA@xxxxxxxxxxxxxxxxxxxxx)
- >> Hi All,
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- >>
- >> I am developing a Smart Device Application in C#.NET. The database I am

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>> using for the application is MySQL. The application should retrieve data  
>> from  
>> the server, insert it into SQLServer CE, and later upload it back to the  
>> Server. The database server resides in a UNIX machine.  
>>  
>> I am having two issues in the application. The first one is regarding the  
>> connection. I am not able to connect to the database server. Details are  
>> given below.  
>>  
>> I downloaded the MySQL driver for Pocket PC from the site,  
>> <http://www.crlab.com/> and I was able to connect to the test databases  
>> residing in our company's LAN, as well as our company's database server.  
>> These two databases are installed in Windows machine. But, I am not able  
>> to  
>> connect to the database that resides in the Unix server, in Germany, where  
>> as, now I am writing from India.  
>>  
>> The connection string I provided in the application is as follows:  
>>  
>> public static string strmySqlConnection = "User  
>> Id=Dummy\_User;Password=Dummy\_Password;Host=xxx.xx.xx.xx;Database=DB\_Name;Port=3307";  
>>  
>> The default port for MySQL server is 3306, where as the client has  
>> provided  
>> that the database is installed in port 3307.  
>> I am able to 'ping' to the IP Address of their database server, which  
>> means  
>> it is public IP. But, I am not able to connect to the server through  
>> application. What can be the reason? If the database is behind the  
>> firewall,  
>> will that create any problem?  
>>  
>> I downloaded ODBC driver for windows from the site,  
>> <http://dev.mysql.com/downloads/connector/odbc/3.51.html>  
>> I created a windows application and tried to connect using ODBC  
>> Connection.  
>> That also didnt give any result. I was not able to connect. Meanwhile, I  
>> was  
>> able to connect to the database in our LAN as well as our Company's  
>> database  
>> server. So, what can be the reason for the same not connecting to the live  
>> server? Is it because, the server is running on Unix or is it because the  
>> database is behind the firewall? If it is behind the firewall, what should  
>> be  
>> done?  
>>  
>> So also, .NET Compact framework doesnt support System.Data.Odbc. So, Odbc  
>> conneciton is not possible for Pocket PC application. How can I connect to  
>> the database? Will I be able to connect using the MySQL driver provided by  
>> Corelab? Please help me to find the solution.  
>>

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>> The next issue in front of me is regarding the uploading of files.  
>> Details:  
>>  
>> I have to upload files(audio/video) from the Pocket PC to Desktop PC  
>> through  
>> the application. My application is having an option of Synchronizing data  
>> from the Pocket PC to Desktop PC. When the user click the same, I have to  
>> move files from PPC to Desktop. My database table is not having any BLOB  
>> type  
>> field, so i have to physically move the files from PPC to Desktop PC. And  
>> also the server runs on UNIX. Please help me out in finding the solution  
>> for  
>> moving files from PPC to Desktop PC.  
>>  
>>  
>> Thanks  
>> Sarun  
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• **Follow-Ups:**

- ◆ **[Re: Connect to DB on Unix machine; and File Transfer](#)**  
◇ From: Ginny Caughey [MVP]

• **References:**

- ◆ **[PPC: Connect to DB on Unix machine; and File Transfer](#)**  
◇ From: Sarun
- ◆ **[Re: Connect to DB on Unix machine; and File Transfer](#)**  
◇ From: Ginny Caughey [MVP]

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