

BlogBooker

From Blog to Book.

STOPDEBUGGING.WORDPRESS.COM

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Chapter 1

2013

1.1 June

About (2013-06-13 10:25)

Reach me: [1]<http://www.ssnair.net>.

1. <http://www.ssnair.net/>

Welcome to Stop Debugging.... (2013-06-13 10:46)

Hi All,

Welcome to Stop Debugging....

This web site or blog helps us to find solutions for most of the problems that everyone faces during their development or application support cycle.

Post your error's here in comment sections, I will try to troubleshoot it and post the solution for you.

Am trying to cover most issues facing while using Microsoft related products, Oracle etc...

You can find some of my writing's at C # Corner ([1]www.c-sharpcorner.com).

So, enjoy browsing, reading, like the blog, share the blog and the important part is post your comments ...

Regards,

[2]Suthish Nair

1. <file:///localhost/mnt/ext/blogbooker/tmp/g2w3jqnx/www.c-sharpcorner.com>

2. <http://www.ssnair.net/>

Error: Project could not be opened because the Visual C# 2012 compiler could not be created. (2013-06-13 12:33)

Error: Project 'WebApplication1' could not be opened because the Visual C # 2012 compiler could not be created. Error creating instance of managed object 'Microsoft.VisualStudio.CSharp.Services.Language.ManagedObjectFactory' (Error code is 0x80131513).

Description: Facing this compiler issue, while creating a new Web Application through VS 2012.

Solution

1. Open exe, VS2012 x86 Native Tools Command Prompt (Run as administrator).

Path: C:\ProgramData\Microsoft\ Windows\Start Menu\Programs\Microsoft Visual Studio 2012\Visual Studio Tools

2. Then run `gacutil /u Microsoft.VisualStudio.CSharp.Services.Language.Interop`

This will successfully uninstall the service from GAC, which was causing the problem.

Open the VS 12 again and start creating projects.....

Csharp Tutorial - Programming In Visual Csharp | 7Wins.eu (2013-11-28 17:11:45)

[...] Error: Project <Name> could not be opened because the Visual C # 2012 compiler could not be cre... [...]

Error: SQLite error, insufficient parameters supplied to the command. (2013-06-13 18:04)

Error: SQLite error, insufficient parameters supplied to the command.

Description: This error occurs when you failed to provide or supply all the input output parameters to the command text or a stored procedure.

For example:

```
[code language="csharp"]
using (SQLiteCommand cmd = new SQLiteCommand("update usermaster set emailid = @emailid, @phone
= @phone where userid = @userid", con))
{
    cmd.Parameters.Add(new SqliteParameter("@emailid", "test@in.com"));
    cmd.Parameters.Add(new SqliteParameter("@userid", 1));
}
[/code]
```

Above command having three input parameters but we are supplying only two @emailid and @userid. During runtime, code will through above error.

Solution: Simple, just add the missing parameter to the command.

```
[code language="csharp"]cmd.Parameters.Add(new SqliteParameter("@phone", 1));[/code]
```

Note: Also remember not to have any extra spaces, that will again throw above error. Avoid,

```
[code language="csharp"]cmd.Parameters.Add(new SqliteParameter(" @phone", 1));[/code]
```

Error: No valid Oracle clients found. You need at least one 64-bit client properly configured. (2013-06-17 10:36)

Error: No valid Oracle clients found. You need at least one 64-bit client properly configured.

Description:

This error occurs when we try to connect an Oracle database, through a Client like Toad for Oracle etc.. The error clearly says an 64-bit Oracle client need to be installed properly inorder to access the database.

Solution: Download and install Client from given link.

<http://www.oracle.com/technetwork/database/features/instant-client/index-097480.html>

The required software link is "Instant Client for Microsoft Windows (x64)".

<http://www.oracle.com/technetwork/topics/win64soft-089540.html>

The latest version is Version 11.2.0.3.0, select the Instant Client Package - Basic Lite: Smaller version of the Basic, with only English error messages and Unicode, ASCII, and Western European character set support (10.2 only).

Unzip the files to your Oracle installation folder. e.g: C:/oracle or C:/oraclehome. So the client installation is completed.

Now the important part comes. We need to configure the client.

For that first set up the TNS _ADMIN environment variable and later confure the tnsnames.ora.

1. How to setup up the environment variables

Open the Control Panel -> click, System (Classic View) -> select, Advanced tab ->click, Environment Variables -> click, New (User variables) -> enter Variable Name as "TNS _ADMIN" and Variable Value as the location path of file "tnsnames.ora", which comes in C:/oracle....Networ/Admin, now click, New (System variables) -> enter Variable Name as "Path" and Variable Value as the Oracle client folder path. If Variable Value already exists then append a semi-colon ; to the list and update the new path, then Click OK.

2. Now open the "tnsnames.ora" and enter database configuration information.

```
[code language="text"]
```

```
OracleDatabaseName _Custom =
```

```
(DESCRIPTION =  
(ADDRESS _LIST =  
(ADDRESS = (PROTOCOL = TCP)(HOST = hostname or ipaddress)(PORT = portnum))  
) (CONNECT _DATA =  
(SID = XE) (SERVER = DEDICATED)  
)  
)  
[/code]
```

That's it. Now open your client and access the database.

Rimzim Basu (2013-10-14 05:48:53)

I kept getting the "No Oracle client found" error. I installed the 64 bit Oracle Client as Admin, made a folder (ora) in C:/ and added three files in it- ldap.ora, sqlnet.ora and TNSNAMES.ora. Then, created a system variable called "TNS_ADMIN" and added the file location. Finally worked! :D

Suthish Nair (2013-10-14 07:19:41)

Thank you, am happy that the solution helped you.. Please share the blog with every one...

steve (2013-12-04 16:40:49)

I don't have tnsnames.ora on my system. please advise. thanks

Suthish Nair (2013-12-05 09:11:51)

Hi, try searching the file if you already installed the Oracle client else install the client and by default the path and files will get created in C drive.

Error: Cannot retrieve the column code page info from the OLE DB provider. (2013-06-18 14:40)

Error: [OLE DB Source [1]] Warning: Cannot retrieve the column code page info from the OLE DB provider. If the component supports the "DefaultCodePage" property, the code page from that property will be used. Change the value of the property if the current string code page values are incorrect. If the component does not support the property, the code page from the component's locale ID will be used.

Description: This is actually a warning not an error by OLE DB. This warning occurs in SSIS project while we do a data transfer from source (Oracle) to destination SQL Server via OLE DB. This is because for the Oracle database the default code page is missing due to this it leads to bad data conversions. SSIS supports the option of specifying a per-column Locale Identifier for string data types, such as CHARACTER. However, the OLE DB Provider for Oracle does not support this option.

Solution: We can overcome this OLE DB warning by changing the property of OLE DB Source Data Flow Component. That property is AlwaysUseDefaultCodePage, by default the value is False, change it to True. Rebuild the project.

Suthish Nair (2014-01-05 07:27:18)

It seems Data Conversion not happening properly or not implemented, check your SSIS packages.

Joseph Morgan (2014-01-02 22:22:01)

This did solve my problem with one Oracle OLEDBConnection, but it continues to occur in others, even though I have globally set AlwaysUseDefaultCodePage to true. I am going from Oracle to SQL Server 2008, and I am using a data conversion task to put the unicode data from oracle into varchar(n) columns in SQL Server. It runs fine on some boxes (Windows 7 64 bit) and oddly, on SSIS 2005 32 bit, but not on SSIS2008 64 bit. And yes, I have the 64 bit runtime enabled. Partial output: Error: 2014-01-02 16:57:45.99 Code: 0xC02020F6 Source: Get Account Reductions GET _AR3 [1] Description: Column "USUS _ID" cannot convert between unicode and non-unicode string data types. End Error Warning: 2014-01-02 16:57:45.99 Code: 0x800470C8 Source: Get Account Reductions GET _AR3 [1] Description: The external columns for component "GET _AR3" (1) are out of synchronization with the data source columns. The external column "ACPR _REF _ID" needs to be updated. The external column "ACPR _SUB _TYPE" needs to be updated. The external column "ACPR _TX _YR" needs to be updated. The external column "ACPR _TYPE" needs to be updated. The external column "LOBD _ID" needs to be updated. The external column "ACPR _PAYEE _PR _ID" needs to be updated. The external column "ACPR _PAYEE _TYPE" needs to be updated. The external column "ACPR _AUTO _REDUC" needs to be updated. The external column "ACPR _STS" needs to be updated. The external column "EXCD _ID" needs to be updated. The external column "USUS _ID" needs to be updated. End Warning Error: 2014-01-02 16:57:46.06 Code: 0xC004706B Source: Get Account Reductions SSIS.Pipeline Description: "component "GET _AR3" (1)" failed validation and returned validation status "VS _ISBROKEN". End Error Progress: 2014-01-02 16:57:46.06

Joseph Morgan (2014-01-06 16:25:45)

No, the conversion happened fine when the package ran on our SSIS 2005 server. I finally figured out the issue. Setting AlwaysUseDefaultCodePage to true doesn't help because the Oracle provider doesn't send code page information. So I had to set DelayValidation to True at the package level, but not at the task level, to allow the task to run far enough to GET to the data conversion. It was a combination of both settings.

Suthish Nair (2014-01-07 07:50:05)

Hi Joseph, Good to hear that the problem got resolved. Thank you for sharing your findings and solution here. Will be helpful for others also.

Error: Virus and spyware definitions update failed (2013-06-19 08:31)

Error: Virus and spyware definitions update failed. Windows Defender couldn't check for virus and spyware definition update. Check your Internet or network connection and try again.

Description: Your Windows Defender got corrupted.

Solution:

- The only solution is to reinstall the Windows 8 OS.
- The other is a workaround by running the definition file.

But the disadvantage is that every time you use it, you need to download the definition and run the installer. So download and install the latest Microsoft Security Essentials definition updates.

The Microsoft website says:

"By default, Microsoft Security Essentials is designed to install and run updates automatically. If you have disabled this feature or if you encounter problems updating automatically, you can manually download and install the latest Microsoft Security Essentials definition updates for your computer."

Even the website having the latest virus definition and released information.

So, download: mpam-fe.exe from [1]Malware Protection Center and run the installer.

1. <http://www.microsoft.com/security/portal/definitions/howtomse.aspx>

1.2 July

Error: 'Object.get' must declare a body because it is not marked abstract or extern. Automatically implemented properties must define both get and set accessors. (2013-07-09 12:49)

Error: 'Object.get' must declare a body because it is not marked abstract or extern. Automatically implemented properties must define both get and set accessors.

Description: This error occurs when you have a property with only get accessor or an Automatic property with only get. The reason behind the auto generated properties with get can only access the value but cannot ever set the property value because we have no access to the internal storage of property.

Example: `public static string StringNull { get; }`

Solution: By defining a set accessor this error can be resolved.

Example: `public static string StringNull { get; private set; }`

Here private is the access modifier.

Error: 'System.Array' does not contain a definition for 'FirstOrDefault' and no extension method 'FirstOrDefault' accepting a first argument of type 'System.Array' could be found (2013-07-11 09:22)

Error: 'System.Array' does not contain a definition for 'FirstOrDefault' and no extension method 'FirstOrDefault' accepting a first argument of type 'System.Array' could be found (are you missing a using directive or an assembly reference?)

Description: When we trying to use FirstOrDefault to an object this error pop's up. The reason behind is that we not providing the correct references.

Solution: Add reference, using System.Linq;

Error: Unable to evaluate expression because the code is optimized or a native frame is on top of the call stack. (2013-07-11 09:58)

Error: Unable to evaluate expression because the code is optimized or a native frame is on top of the call stack.

Description: This is a ThreadAbortException warning, which occurs when we use Response.Redirect or Server.Transfer etc. There is more good information regarding this exception here: [1]<http://support.microsoft.com/kb/312629/en-us>.

Solution: Response.Redirect (URL, false); refer MSDN URL for more information.

<http://support.microsoft.com/kb/312629/en-us>

1. <http://support.microsoft.com/kb/312629/en-us>

1.3 September

Error: Mailbox unavailable. The server response was: 5.7.1 [1.1.1.1] The IP you're using to send mail is not authorized (2013-09-15 06:01)

Error: Mailbox unavailable. The server response was: 5.7.1 [1.1.1.1] The IP you're using to send mail is not authorized.

Description: This error occurs while sending mail . This information [1.1.1.1] holds our system IP Address. While using GMAIL SMTP settings we will get this error and the error is not because of GMAIL but SMTP configuration is not properly completed. The cause of the error, while sending a mail, the server will look for the configured from address to send the mail and if that information is not provided, Mailbox unavailable error will throw up. If the from address is not provided then, then by default the from address will be taken from IIS SMTP settings.

Solution: `message.From.Add("suthish.s.nair@gmail.com");` or configure the SMTP settings with all required information's.

Error: The SMTP server requires a secure connection or the client was not authenticated. The server response was: 5.7.0 Must issue a STARTTLS command first (2013-09-15 19:04)

Error: The SMTP server requires a secure connection or the client was not authenticated. The server response was: 5.7.0 Must issue a STARTTLS command first.

Description: This error occurs when you try to send an email using .Net code and the email account configured to send email is a GMAIL account which having https enabled. You can view the settings from tab Setting -> General -> Browser connection - Always use https.

Solution: Enable SSL to true from .Net code.

```
var client = new SmtplibClient();
client.EnableSsl = true;
```

More discussion about secure connection in GMail and others: [1]<http://security.stackexchange.com/questions/6489/what-steps-do-gmail-yahoo-mail-and-hotmail-take-to-prevent-eavesdropping-on-email>

1. <http://security.stackexchange.com/questions/6489/what-steps-do-gmail-yahoo-mail-and-hotmail-take-to-prevent-eavesdropping-on-email>

Error: The EXECUTE permission was denied on the object "", database "", schema "".
(2013-09-22 08:08)

Error: The EXECUTE permission was denied on the object "", database "", schema "".

Description: Database's requires specific roles or privileges, so that the users can perform or run stored procedures, functions, views etc without any issues. One of that is the EXECUTE permission, which requires specific permissions to perform that activity properly.

Solution: Go to Object Explorer, open Security followed by User node, then right click and select properties of the configured user login. Under General tab, enable db _datareader, db _datawriter and db _owner role memberships.

Or another way is as follow.

```
EXECUTE sp_addrolemember @rolename = N'db _owner', @membername = N'user1';
GO
```

```
EXECUTE sp_addrolemember @rolename = N'db _datawriter', @membername = N'user1';
GO
```

```
EXECUTE sp_addrolemember @rolename = N'db _datareader', @membername = N'user1';
GO
```

Like this we can enable required Role Memberships.

1.4 October

Error: SQL Server 2012 Installation Error code 0x84B10001 (2013-10-10 12:32)

Error: SQL Server 2012 Installation Error code 0x84B10001

Description: This error occurs when SQL Server Setup fails.

Complete error description,

TITLE: SQL Server Setup failure.

SQL Server Setup has encountered the following error:

Could not load file or assembly 'file:///C:\Program Files\Microsoft SQL Server\110\Setup Bootstrap\SQLServer2012\x64hMicrosoft.SqlServer.Configuration.SqlConfigBase.dll' or one of its dependencies. The module was expected to contain an assembly manifest.

Error code 0x84B10001.

For help, click: [http://go.microsoft.com/fwlink?LinkID=20476 &ProdName=Microsoft %20SQL %20Server &EvtSrc=setup.rll &EvtID=50000 &EvtType=0x96EF7C71 %25400x16A19545](http://go.microsoft.com/fwlink?LinkID=20476&ProdName=Microsoft%20SQL%20Server&EvtSrc=setup.rll&EvtID=50000&EvtType=0x96EF7C71%25400x16A19545)

The reason behind the issue is because, already an installation of same version available on your system.

Solution: From Control Panel, uninstall existing Microsoft SQL Server 2012 Setup installation and start again with fresh installation,

Error: Unable to start debugging on the web server. See help for common configurations errors. Running the web page outside of the debugger may provide further information. (2013-10-14 14:30)

Error: Unable to start debugging on the web server. See help for common configurations errors. Running the web page outside of the debugger may provide further information.

Description: This error occurs while running or debugging an application using Visual Studio 2010. The reason behind this problem is because of .NET framework version configured for your project and the IIS Default App Pool or the Pool that configured for your application is not matching correctly. For example: .NET framework configured for project is v3.5 but at application pool level it might be v4 or higher. At this time VS was unable to find out which pool should pick for debugging.

Solution: Go to Application Pool using, click Basic Settings under Edit Application Pool and remap the correct .NET Framework version.

Example: If project using v3.5 then remap .NET Framework version to v2.0, rerun the project again.

Error: The path of the item " is not valid. The full path must be less than 260 characters long; other restrictions apply. If the report server is in native mode, the path must start with slash. (rsInvalidItemPath) (2013-10-15 09:20)

Error: The path of the item " is not valid. The full path must be less than 260 characters long; other restrictions apply. If the report server is in native mode, the path must start with slash. (rsInvalidItemPath)

Description: An SSRS related bug, when the Report path given to ServerReport web control is wrong this error shows up.

```
<ServerReport ReportPath="ReportProject1/Report1" ReportServerUrl="http://server name/ReportServer" />
```

Solution: Correct the ReportPath by giving valid deployed folder path. In above tag one forward slash was missing from the ReportPath property.

```
<ServerReport ReportPath="/ReportProject1/Report1" ReportServerUrl="http://server name/ReportServer" />
```

Adhikar Patil (2013-10-31 06:54:55)

Thanks to Suthish Nair. This post solved my problem.

Suthish Nair (2013-10-31 08:59:16)

Thank you, am happy that the solution helped you.. Please share the blog with every one...

jojo (2013-12-17 19:07:00)

In which file i can find the above tag?

Suthish Nair (2013-12-18 09:24:29)

You might using Report Viewer control in .aspx page.

johnres (2013-12-31 22:30:41)

Well, you can use Long Path Tool, it works good for such problems, I will say..

Error: The attempt to connect to the report server failed. Check your connection information and that the report server is a compatible version. The request failed with HTTP status 404: Not Found. (2013-10-15 09:39)

Error: The attempt to connect to the report server failed. Check your connection information and that the report server is a compatible version. The request failed with HTTP status 404: Not Found.

Description: An SSRS related bug, when we try to access a Report Server which is not correctly configured due to wrong or invalid URL then this error shows up.

Solution: The ReportServerUrl property of ServerReport server control should have a valid URL.

```
<ServerReport ReportPath="ReportProject1/Report1" ReportServerUrl="[1]http://server name/ReportServer" />
```

1. <http://server/>

Error: Unknown Host. Unable to locate the server named "" — the server does not have a DNS entry. (2013-10-17 13:56)

Error: Unknown Host. Unable to locate the server named "" — the server does not have a DNS entry.

Description: An SSRS error, unable to locate the server named "" — the server does not have a DNS

entry. Perhaps there is a misspelling in the server name, or the server no longer exists. Double-check the name and try again. This error shows when we run the Report Manager or deployed server URL.

Solution: Open Internet Explorer, go to Tools menu then Internet Options, click on Connections tab and then LAN Settings and uncheck Use a proxy server for your LAN. Now rerun the URL again.

Error: ASP.NET 4.0 has not been registered on the Web Server (2013-10-17 14:43)

Error: ASP.NET 4.0 has not been registered on the Web Server. You need to manually configure your Web Server for ASP.NET 4.0 in order for your site to run correctly.

Description: I experienced this error while trying to run a web site after upgrading the .NET framework to version 4.0 from version 3.5. This error occurs when we install IIS after .NET Framework installations because of that the .NET Framework was not properly registered or configured over IIS so the web sites can point to correct versions.

Solution: Multiple ways are there, Uninstall VS2010 and IIS then reinstall IIS followed by VS2010. Or, before doing reinstall try to register .NET Framework 4.0 with IIS7x by opening the Visual Studio Command Prompt (2010) under Administrative privileges, and then open framework folder "C:\Windows\Microsoft.NET\Framework\v4.0.30319", enter `aspnet_regiis -i` to register .NET Framework 4.0 with IIS7x. If that not works, reinstall IIS, VS2010 and then register.

Error: The Web Application Project " " is configured to use IIS. To access local IIS Web sites, you must run Visual Studio in the context of an administrator account. (2013-10-24 12:57)

Error: The Web Application Project " " is configured to use IIS. To access local IIS Web sites, you must run Visual Studio in the context of an administrator account.

Description: While trying to run the Visual Studio 2012, 2010, 2008 etc, we might get this error. Why we getting this error, the reason is there in Error itself. Because of the security model configured for IIS7 (am using). IIS7 configuration derives from NTFS ACLs on the distributed .config configuration files as well as Allow/Deny/Inherit logic of the configuration properties within the distributed .config hierarchy. So in order to run all the features, IIS requires administrative privileges. So if Visual Studio needs to access the web site hosted or pointed over IIS requires an administrator rights.

Solution: Multiple ways are there...

1. Right Click on VS, and Run as administrator.
2. Those who don't want to access local IIS Web sites then edit the project, under node ProjectExtensions, VisualStudio, FlavorProperties, WebProjectProperties find node `<UseIIS>` and change the value to False. Reload the project.
3. Or, add more privileges to your logged in account from UAC.

More Read: MSDN [1]Blog, [2]Technet

1. <http://blogs.msdn.com/b/david.wang/archive/2006/05/09/thoughts-on-delegating-iis-configuration-and-administration.aspx>
 2. <http://technet.microsoft.com/en-us/library/dd163542.aspx>
-

1.5 November

Error: The Team Foundation Server " is currently unavailable. This solution will be opened offline. (2013-11-06 15:29)

Error: The Team Foundation Server " is currently unavailable. This solution will be opened offline.

Description: Go Offline. The Team Foundation Server " is currently unavailable. This solution will be opened offline. This offline check will happen when we open a solution from Visual Studio that was mapped with the TFS server. The server might not be reachable or not available at that point to synchronize with your local solution copy.

Solution: Visual Studio will allow the solution to be opened or access while offline and once the TFS connection got re-established the synchronization can be done by clicking on "Go Online" icon from Solution Explorer tool bar window.

Error: A transport-level error has occurred when receiving results from the server. (provider: TCP Provider, error: 0 - The semaphore timeout period has expired.) (2013-11-06 15:33)

Error: A transport-level error has occurred when receiving results from the server. (provider: TCP Provider, error: 0 - The semaphore timeout period has expired.)

Description: Again this error occurred due to slow network connection or bad network configuration. For example, when we try to connect a SQL Server through application, and the request taking so much for the output. The networking layers will bubble this error to SQL Server which will present to us as provider: TCP Provider, error: 0 - The semaphore timeout period has expired.

Solution: Nothing related to code logic, just check the network connections are working properly or the server is up and running. Contact your Network Administrator.

Error: System.Data.SqlClient.SqlException: Timeout expired. The timeout period elapsed prior to completion of the operation or the server is not responding. (2013-11-06 15:35)

Error: System.Data.SqlClient.SqlException: Timeout expired. The timeout period elapsed prior to completion of the operation or the server is not responding.

Description: There can be many reason.

1. The request to SQL Server or query is taking a long time to execute.
2. The result is returning large amount of records.
3. Slow network connection issue.
4. SQL Command connection timeout is not configured properly.
5. Badly made SQL statements

Solution:

1. Check the network connectivity is up and running.
 2. Check the SQL Statements, if required tuned and optimize it.
 3. Check the result size.
 4. Configure Connection Timeout property, by default it's 15 seconds.
-

Error: The LDAP server is unavailable. (2013-11-06 15:38)

Error: The LDAP server is unavailable.

Description: There can be many reason.

1. Slow network connection issue.
2. The LDAP server is not reachable or up and running.
3. No enough permission to access the server.
4. The LDAP server is not configured properly.
5. Programming logical error.
6. Server not accessible across networks.

Solution:

1. Check the network connectivity is up and running.
2. Check the configuration and permissions.
3. Check the server is accessible across networks, different domains etc.

[1]Managing Directory Security Principals in the .NET Framework 3.5

1. <http://msdn.microsoft.com/en-us/magazine/cc135979.aspx>
-

Error: Object reference not set to an instance of an object. (2013-11-06 15:40)

Error: Object reference not set to an instance of an object.

Description: This error throws when a program trying to access a member fields, or function types, on an object reference that points to null. Using `NullReferenceException`, will throw exception when the variable is null.

Solution: Put a null check on the object and also implement Exception Handling techniques to catch the error.

Error: The operation was aborted because the client side timeout limit was exceeded. (2013-11-06 15:56)

Error: The operation was aborted because the client side timeout limit was exceeded.

Description: Let's take an example, here the client side we will refer to Active Directory. The Active Directory module imposes a two-minute operations timeout. When the timeout reached, the connection will be dropped and server will return operation timeout error message like "Ldap operation timeout". This might happen due to slow network connection or the Active directory querying results are not returned within the two minutes. This can be happened with any database queries also.

Solution:

1. Check the network connectivity between the host and client.
2. Make sure the server's are accessible or not.
3. Check the timeout settings.

Error: Microsoft JScript runtime error: Unable to get value of the property ": object is null or undefined (2013-11-14 09:47)

Error: Microsoft JScript runtime error: Unable to get value of the property ": object is null or undefined

Description: A JavaScript related error which comes from the browser scripting engine. When the JavaScript Interpreter start parsing and executing any script codes, but unable to find the document element, then this error throws up. Because the document element or object is not found or not exist on page so that the object is return as null. null is actually an object value indicating that a variable references nothing in particular. Some browsers ignore this error but some just throws it.

Example:

```
[code language="javascript"]
function window.onload()
```

```
{
document.getElementById("txtMe").focus();
}
[/code]
```

Solution: Avoid such errors by putting an object null reference check.

```
[code language="javascript"]
function window.onload()
{
if (document.getElementById("txtMe") != null)
{
document.getElementById("txtMe").focus();
}
}
}
[/code]
```

Read: [1]How Browser Works

1. <http://taligarsiel.com/Projects/howbrowserswork1.htm#Introduction>

Error: An aggregate may not appear in the WHERE clause unless it is in a subquery contained in a HAVING clause or a select list, and the column being aggregated is an outer reference. (2013-11-19 16:49)

Error: An aggregate may not appear in the WHERE clause unless it is in a subquery contained in a HAVING clause or a select list, and the column being aggregated is an outer reference.

Description: This error occur when we try to use aggregate functions with WHERE clause. Because, WHERE clause filters ungrouped elements or we can say WHERE clause can filter only table row-by-row or individual records.

Solution: By using HAVING clause instead of WHERE clause, which specifies a search condition for a group or an aggregate. HAVING can be used only with the SELECT statement which should return only those rows where aggregate values meet the specified conditions. HAVING is typically used in a GROUP BY clause. When GROUP BY is not used, HAVING behaves like a WHERE clause.

Error: Invalid column name ". (2013-11-19 17:01)

Error: Invalid column name ".

Description: Invalid column name.

Solution: Check whether the column exists in table. Check the column name used in SELECT clause is correct or not.

Error: The number of elements in the select list exceeds the maximum allowed number of 4096 elements. (2013-11-19 17:12)

Error: The number of elements in the select list exceeds the maximum allowed number of 4096 elements.

Description: The number of elements in the select list exceeds the maximum allowed number of 4096 elements.

Solution: The maximum number of expressions that can be specified in the select list is 4096 only. Reduce the columns or column names from select list (select list is a series of expressions separated by commas).

Error: Column " is invalid in the select list because it is not contained in either an aggregate function or the GROUP BY clause. (2013-11-19 17:28)

Error: Column " is invalid in the select list because it is not contained in either an aggregate function or the GROUP BY clause.

Description: When a GROUP BY clause is used in the SELECT clause, each columns in the SELECT clause must be either defined via aggregated column or must be included in the GROUP BY clause.

Solution: Add all columns in the SELECT clause into the GROUP BY clause or remove the column that causing problem from the SELECT clause.

abhimanyukumarvatsa (2013-11-25 17:11:31)
nice one

Error: A Command with that name already exists (2013-11-20 13:47)

Error: A Command with that name already exists.

Description: This error usually pops up from Visual Studio when there is a corrupted add-in or extension added into VSPackages.

Solution: Identify, remove and reinstall the extension. And run the following command Devenv.exe /Reset-SkipPkgs from Visual Studio Command Prompt. /ResetSkipPkgs clears all options to skip loading added to VSPackages by users wishing to avoid loading problem VSPackages, then starts Visual Studio.

Edit: How to remove Addins from Visual Studio.

Open path - C:\Users\username\Documents\Visual Studio 2010\Addins and remove the necessary files.

Then type and run devenv /resetaddin following command from Visual Studio Command Prompt.

Destin Joy(Microsoft MVP) (2013-11-25 16:12:29)
Good article Suthish :) Nicely explained

Suthish Nair (2013-11-25 17:02:19)
Thanks Destin... :)

1.6 December

Error: Cannot have multiple items selected in a DropDownList. (2013-12-14 13:36)

Error: Cannot have multiple items selected in a DropDownList.

Description: This error occurs when we try to select a value multiple times for a DropDownList. Let say we have multiple items getting added or inserted to the control and setting a value as true during runtime multiple times. This will confuses the control and throws an exception.

```
[code language="c-sharp"]
DropDownList1.Items.Add(new ListItem("one", "1"));
DropDownList1.Items.Add(new ListItem("two", "2"));
DropDownList1.Items[0].Selected = true;
DropDownList1.Items.Add(new ListItem("three", "3"));
DropDownList1.Items.Add(new ListItem("four", "2"));
DropDownList1.Items[3].Selected = true;
[/code]
```

In above example, multiple times we are trying to set a value for dropdownlist.

Solution: Using SelectedValue or SelectedIndex properties.

```
[code language="c-sharp"]
DropDownList1.SelectedValue = "4";
[/code]
```

Error: Column already has a DEFAULT bound to it. Could not create constraint. (2013-12-14 14:11)

Error: Column already has a DEFAULT bound to it. Could not create constraint.

Description: The constraint trying to create for the column is already exists.

Solution: From system table sys.objects find out the constraint, rename or drop the existing constraint and then create the new one.

```
[code language="sql"]
SELECT
name
,OBJECT_NAME(parent _object _id) AS ParentTable
,OBJECT_NAME(object _id) AS ConstraintName
FROM sys.objects
```

```
WHERE type _desc LIKE ' %CONSTRAINT'
order by name
[/code]
```

Error: Unknown object type " used in a CREATE, DROP, or ALTER statement. (2013-12-14 14:51)

Error: Unknown object type " used in a CREATE, DROP, or ALTER statement.

Description: When we try to use an unknown type in SQL statements, the exception throws.

```
[code language="sql"]
CREATE table1
(
name nvarchar(10)
)
[/code]
```

Here the complete syntax is missing. CREATE is the object but the type is missing. SQL Server trying to use table1 as the object type instead of TABLE.

Solution: Use the complete correct syntax.

```
[code language="sql"]
CREATE TABLE table1
(
name nvarchar(10)
)
```

```
CREATE FUNCTION func1
RETURNS int....
[/code]
```

Error: " is undefined (2013-12-14 16:55)

Error: " is undefined.

Description: JavaScript or jQuery error which shows up when a variable is not assigned with any value.

Solution: Check the variable is undefined or null before processing.

[1]Read More - Good reference of JavaScript undefined.

1. <http://javascriptweblog.wordpress.com/2010/08/16/understanding-undefined-and-preventing-referenceerrors/>

Error: 404 - File or directory not found. The resource you are looking for might have been removed, had its name changed, or is temporarily unavailable. (2013-12-16 08:33)

Error: 404 - File or directory not found. The resource you are looking for might have been removed, had its name changed, or is temporarily unavailable.

Description: An HTTP Internal Server error thrown by Internet Information Services (IIS) when requested for an ASP.NET or ASP page etc. This can be of many reasons like, file or file path trying to access does not exists, or file name got renamed, the Virtual Directory wrongly mapped etc.

Solution: Check the file trying to access exists or not in correct path or location. Check the file path configured or able to access correctly. Check the Virtual Directory configured correctly and proper permissions given. Check the files extensions etc.

Error: Unable to connect to the Database. A network-related or instance-specific error occurred while establishing a connection to SQL Server. (2013-12-16 08:51)

Error: Unable to connect to the Database.

Description: While trying or establishing a database connection and the connectivity to the database is not configured properly then this error occurs. More exception details as followed.

Exception Message: A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: SQL Network Interfaces, error: 26 - Error Locating Server/Instance Specified) (-1)

Solution:

1. Check whether TCP/IP in SQL Server Configuration is enabled or not.
2. Ping the server name from command prompt. If no reply from server, then network connection to the server should be configured or enabled.
3. Using Telnet command, we can check the port is opened or not, if not open the port.
4. Check whether firewall is blocking the server port.
5. Check any antivirus is blocking the server.
6. Check the database name, user name and password using is correct or not.
7. Check the required SQL Services (SQL Server Browser etc) account are running or not.
8. Check your LAN network having connectivity issues.
9. Use port number along with data source. e.g server name/server name, port number.
10. Try creating alias in SQL Server Configuration.
11. Try to connect the database through Visual Studio.

12. Try using Database Server IP address as Server Name with or without port number.

[1]How-to-Generate-or-find-Connection-String-from-Visual-Studio

1. <http://www.ssnair.net/post/2013/02/12/How-to-Generate-or-find-Connection-String-from-Visual-Studio>

Error: The build must be stopped before the solution can be closed. (2013-12-16 13:26)

Error: The build must be stopped before the solution can be closed.

Description: When attempt to close Visual Studio solution or project while the build is running the exception windows throws up.

Solution: First stop the build or kill the process devenv.exe (if the solution got crashed) and then close the solution.

Error: Object cannot be cast from DBNull to other types. (2013-12-17 18:13)

Error: Object cannot be cast from DBNull to other types.

Description: An invalid cast exception, when trying to convert a nonexistent value of table column to other types.

Solution: Use DBNull.Value to validate the column having a valid value or not.

[code language="c-sharp"]

```
if (!DBNull.Value.Equals(row[FirstName]))
{
    return Convert.ToString(row[FirstName]);
}
```

[/code]

Error: Must declare the scalar variable ""'. (2013-12-18 15:34)

Error: Must declare the scalar variable ""'.

Description: An SQL Server exception which occur when a local variable being used within a script, function or Stored Procedure that is not declared using the DECLARE statement.

Solution: Declare the variable using the DECLARE statement.

[code language="sql"]

```
DECLARE @FirstName NVARCHAR(25);
```

```
[/code]
```

Error: In order to run a trace against SQL Server you must be a member of sysadmin fixed server role or have the ALTER TRACE permission. (2013-12-19 11:27)

Error: In order to run a trace against SQL Server you must be a member of sysadmin fixed server role or have the ALTER TRACE permission.

Description: When try to run the SQL Server Profiler using less privileged or minimal permissions credentials, this exception throws.

Solution: Provide ALTER TRACE permission for the particular user. Other ways are by providing, the user sysadmin fixed server role access which is not advised unless required.

```
[code language="sql"]
USE master
GO
GRANT ALTER TRACE FROM user1
GO
[/code]
```

REVOKE the access

```
[code language="sql"]
USE master
GO
REVOKE ALTER TRACE FROM user1
GO
[/code]
```

Another way to grant rights, login with sysadmin login then open SSMS

Open Security then Logins
Right click on the login name and click Properties
Securables tab
Click Search to Select the instance that required permissions
Under Explicit tab
Select the check box ALTER trace permission and Click OK.

Error: Incorrect syntax near the keyword 'top' (2013-12-19 11:28)

Error: Incorrect syntax near the keyword 'top'

Description: Syntax error.

Incorrect syntax near the keyword 'top'

```
[code language="sql"]
```

```
select col top 1 * from table1
```

```
[/code]
```

Incorrect syntax near the keyword 'from'

```
[code language="sql"]
```

```
select top 1 from table1
```

```
[/code]
```

etc...

Solution: Correct the syntax.

```
[code language="sql"]
```

```
select top 1 * from table1
```

```
[/code]
```

Chapter 2

2014

2.1 January

Error: Column " does not belong to table ". (2014-01-06 11:13)

Error: Column " does not belong to table ".

Description: As error says that the column name trying to use does not exists or not part of the table.

Solution: Check the column exists in table or not. Check the column name used is correct.

Error: User does not have permission to perform this action. (2014-01-06 11:26)

Error: User does not have permission to perform this action.

Description: When trying to run Transact-SQL statement like DROP, GRANT, EXEC etc for which the logged in user do not have the permission to perform or execute this statement, the exception throws up. Sometimes while trying to access database system objects, the exception throws up.

Solution: First check whether the log in using to connect and perform database activities exists or not. Open SQL Server Management studio, under Security, Logins node add the user and map the database also. Or, if the user already exists then GRANT required permission's.

BlogBook v0.4,
L^AT_EX 2_ε & GNU/Linux.
<http://www.blogbooker.com>

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