**[SQL Server – Add Date/Time to output file of BCP / SQLCMD](http://www.sqlservercentral.com/blogs/sqlandme/2013/04/09/sql-server-add-datetime-to-output-file-of-bcp-sqlcmd/)**

**FROM :** [**http://www.sqlservercentral.com/blogs/sqlandme/2013/04/09/sql-server-add-datetime-to-output-file-of-bcp-sqlcmd/**](http://www.sqlservercentral.com/blogs/sqlandme/2013/04/09/sql-server-add-datetime-to-output-file-of-bcp-sqlcmd/)

You can export data from SQL Server using [**BCP**](http://msdn.microsoft.com/en-IN/library/ms162802.aspx) command for [**SQLCMD**](http://msdn.microsoft.com/en-us/library/ms180944.aspx) utility. However, these utilities does not support dynamic file names when exporting data. For generating dynamic file names you can use solution provided below. In the examples below I have appended date/time to exported files. You can modify the logic to suit your requirement.

**Step 1:** First let us create a stored procedure which will provide the data to be exported:

CREATE PROCEDURE ExportData

AS

SET NOCOUNT ON

SELECT 'Vishal', 'SqlAndMe'

GO

EXEC dbo.ExportData

GO

**Result Set:**

—— ——–

Vishal SqlAndMe

I have selected string here to keep things simple. You can specify any query in stored procedure which produces required data.

**Step 2:** Now, we will write the T-SQL code to export data returned from this stored procedure. Here we will use SQLCMD (you can also use BCP) to export data. We will execute SQLCMD using [**xp\_cmdshell**](http://msdn.microsoft.com/en-us/library/ms175046.aspx) extended stored procedure.

DECLARE       @sqlCommand   VARCHAR(1000)

DECLARE       @filePath     VARCHAR(100)

DECLARE       @fileName     VARCHAR(100)

SET    @filePath = 'C:\Temp\'

SET    @fileName = 'MyFile\_' +

       + CONVERT(VARCHAR, GETDATE(), 112) + '\_' +

         CAST(DATEPART(HOUR, GETDATE()) AS VARCHAR) + '\_' +

         CAST(DATEPART(MINUTE,GETDATE()) AS VARCHAR) + '.txt'

SET    @sqlCommand =

       'SQLCMD -S (local) -E -d SqlAndMe -q "EXEC ExportData" -o "' +

       @filePath + @fileName +

       '" -h-1'

–Uncomment if you want to use BCP

–SET  @sqlCommand =

–     'bcp "EXEC ExportData" queryout "' +

–     @filePath + @fileName +

–     ' " -S (local) -T -d SqlAndMe -c'

–PRINT       @sqlCommand

EXEC   master..xp\_cmdshell @sqlCommand

GO

The above code will create the required file as "**MyFile\_YYYYMMDD\_HH\_MM.txt**".

You can verify the command generated by uncommenting the **PRINT** statement in the code above. Also, you can uncomment the fourth **SET** statement in case you want to use **BCP** command to export the data.

Hope This Helps!

Vishal