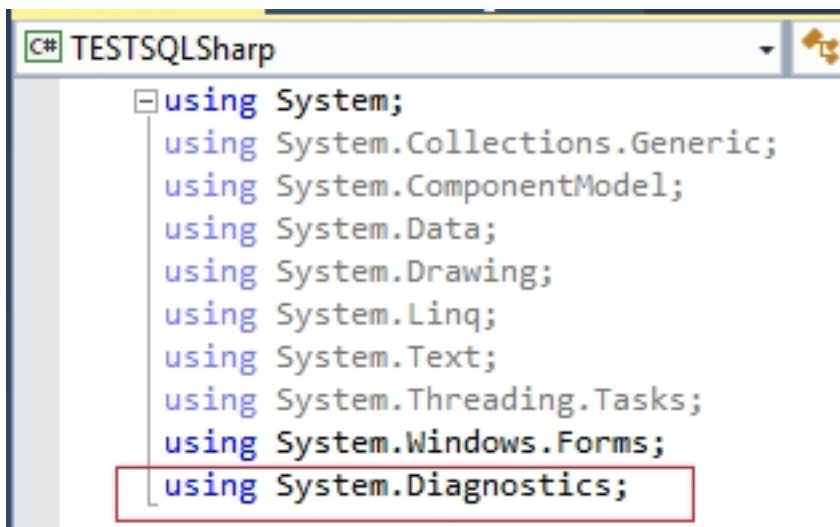


C# OPC MS SQL COPC32

[VDO](#)

Timer OPC tag COPC32 MS SQL Server Database test t1 v1,v2,v3 System.Diagnostics sqlcmd.exe sqlcmd.exe MS SQL Server



```
private void timer1_Tick(object sender, EventArgs e) { int i = 0; int tagNo = 3; string tmpstr = ""; Process cmd = new Process(); // sqlcmd (MS SQL Server/MS SQL Server Express) cmd.StartInfo.FileName = @"C:\Program Files\Microsoft SQL Server\110\Tools\Bin\sqlcmd.exe"; cmd.StartInfo.WindowStyle = ProcessWindowStyle.Hidden; while (i < tagNo) { tmpstr = tmpstr + axcopc1.GetV1(i).ToString()+"" + @","; i++; } // -S Server, -d Database, -Q Query cmd.StartInfo.Arguments = @"-S (local) -d test -Q ""insert into t1 (v1,v2,v3,Time_Date) values (" + tmpstr + @","getdate())"""; cmd.Start(); }
```

Placeholder text line 1

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the 'test' database is expanded to show the 'dbo.t1' table. The table's columns are listed as follows:

- Time\_Date (datetime, null)
- v1 (float, null)
- id (int, not null)
- v2 (float, null)
- v3 (float, null)

On the right, a SQL query is executed, and the results are displayed in a grid:

```
SELECT [Time_Date]
      ,[v1]
      ,[id]
      ,[v2]
      ,[v3]
FROM [dbo].[t1]
order by Time_Date DESC
GO
```

	Time_Date	v1	id	v2
1	2016-04-04 13:59:51.920	12	685	633
2	2016-04-04 13:53:18.357	52	684	221
3	2016-04-04 13:53:13.360	-15	683	321
4	2016-04-04 13:50:22.523	51	682	603
5	2016-04-04 13:50:17.517	-12	681	653
6	2016-04-04 13:50:12.493	10	680	566
7	2016-04-04 13:50:07.490	31	679	248
8	2016-04-04 13:50:02.547	14	678	402
9	2016-04-04 13:49:57.483	21	677	319
10	2016-04-04 13:49:52.480	71	676	710

Placeholder text line 2 ending with 'Insert' and 't1'

Written by Administrator

Tuesday, 05 April 2016 00:51 - Last Updated Tuesday, 05 April 2016 21:50

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```
while (i < tagNo) { tmpstr = tmpstr + axcopc1.GetVI(i).ToString()+"  
@"; i++; }
```