

# Re: Get SQL Server version of each instance installed

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.scripting/2008-09/msg00055.html>

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- *From:* "Richard Mueller [MVP]" <[rlmueller-nospam@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:rlmueller-nospam@xxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 18 Sep 2008 14:13:19 -0500
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I looked for a way to enumerate all instances, but the only solution I found used .NET. There must be an SQL query (when you connect to the default instance) to do this, but I could not find it. One way would be to run "net start" and parse everything that starts with MSSQL\$ for instance names, except under newer versions of SQL the service seems to be named:

SQL Server (<instance name>)

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Richard Mueller  
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"Carlos Felipe França da Fonseca" <[carlosfelipefranca@xxxxxxxx](mailto:carlosfelipefranca@xxxxxxxx)> wrote in message [news:OqiA6rbGJHA.2468@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OqiA6rbGJHA.2468@xxxxxxxxxxxxxxxxxxxxxxxx)

Thanks for your reply, Richard.

I'm going to run this solution on many servers, locally and monthly using Tivoli monitoring. The reason of running that is for auditing purposes. The problem is that I don't know how many instances each server is running. So, we'll need to discover how many instances the server is running and also their respective versions. We'll confirm if all licences for all instances are available and if each server really has the number of instances mentioned in the support contract.

Thanks again,

Felipe

"Richard Mueller [MVP]" <[rlmueller-nospam@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:rlmueller-nospam@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:ObEOzHbGJHA.4760@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:ObEOzHbGJHA.4760@xxxxxxxxxxxxxxxxxxxxxxxx)

Re: Get SQL Server version of each instance installed

Felipe wrote:

I'm looking for a way to get the version of each SQL Server instances installed locally on a server. Does anybody know the best way of doing that?

I use a VBScript program. You would need a connection string for each instance.

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' Retrieve SQL Server version.

Option Explicit

Dim strConnect, adoConnection, adoRecordset, objShell  
Dim strVersion, strLevel, strEdition

' Construct connection string for PocketLunch database.

strConnect = "DRIVER=SQL Server;" \_  
& "Trusted\_Connection=Yes;" \_  
& "DATABASE=Master;" \_  
& "SERVER=MyServer\MyInstance"

' Create ADO objects and connect to PocketLunch database.

Set adoConnection = CreateObject("ADODB.Connection")  
adoConnection.ConnectionString = strConnect  
adoConnection.Open

Set adoRecordset = CreateObject("ADODB.Recordset")

Set adoRecordset.ActiveConnection = adoConnection

' Retrieve balances for each account as of specified date.

adoRecordset.Source = "SELECT SERVERPROPERTY('productversion')  
AS  
Version, " \_  
& "SERVERPROPERTY('productlevel') AS Level, " \_  
& "SERVERPROPERTY('edition') AS Edition"  
adoRecordset.Open

' Enumerate account balances.

Do Until adoRecordset.EOF  
strVersion = adoRecordset.Fields("Version").Value  
strLevel = adoRecordset.Fields("Level").Value  
strEdition = adoRecordset.Fields("Edition").Value  
Wscript.Echo "Version: " & strVersion  
Wscript.Echo "Level: " & strLevel  
Wscript.Echo "Edition: " & strEdition  
adoRecordset.MoveNext

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Loop

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' Clean up.  
adoRecordset.Close  
adoConnection.Close  
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Otherwise, you can run the query (the Source property of the ADO Recordset object above) with a command line tool or GUI.

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