

Re: How to capture SQL statement messages in DTS log file

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.dts/2007-09/msg00084.html>

- *From:* Ellen <DBAEllen@xxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 18 Sep 2007 11:16:05 -0700
-

Russell:

Thank you for the suggestion. It seems like 'PRINT' should work. I think there must be something that needs set. I am rather new to SQL Server having come from the Oracle & Informix worlds. Another option would be to check a system table for a date column to check the last time a table or index had stats analysis run. Would you by chance know which table or view it would be? I have several SQL Server 2000s and a couple of SQL Server 2005 servers that I need to put jobs in place to do weekly update stats. It seems like there were major system changes between the two and all the system tables/views have changed.

Again , thank you for your assistance.

Ellen

—

Thank you for sharing your knowledge

"Russell Fields" wrote:

Ellen,

I have used that successfully in the past, but maybe it was not with the PRINT statement, but some other executables. How about a simple alternate suggestion. Create a trace table yourself in insert the data to it, e.g.:

```
CREATE TABLE TroubleShoot
(ID INT IDENTITY,
TraceString NVARCHAR(255),
EventTime DATETIME DEFAULT GETDATE(),
SPID INT DEFAULT @@SPID)
```

Then instead of PRINT in your DTS package, do the following:

```
INSERT INTO TroubleShoot (TraceString)
VALUES ('Here is my formatted trace string')
```

Afterward, you can select them and examine the results.

RLF

"Ellen" <DBAEllen@xxxxxxxxxxxxxxxxxx> wrote in message
news:C807B342-A843-4B33-B0AE-81B55F675612@xxxxxxxxxxxxxxxxxx

I also thought that should do it but it does not.
The only thing written to the log is in the text I included earlier.
I've tried print statements and select statements and I've had the log at
the package level and at the step level with the same output showing up.
I
am hoping someone knows what else needs to be done to get the PRINT
statements to write to the log.
Thanks for trying.
Ellen
--
Thank you for sharing your knowledge

"Russell Fields" wrote:

Ellen,

In the SQL Agent Job properties, go to the step properties for
the step
that
runs your DTS package. In the Advanced tab on the Job Step
you can
specify
either an Output File or to Log to Table. (The table is
msdb.dbo.sysjobstepslogs.)

Either approach should capture your console output through
the PRINT
statements.

RLF

"Ellen" <DBAEllen@xxxxxxxxxxxxxxxxxx> wrote in
message
news:3E08CDBC-E2FE-43BD-B74D-06E24BE05A75@xxxxxxxxxxxxxxxxxx

I appreciate your answer; but the issue I
need to address is that this
"job"
is a DTS package that is run through the job
scheduler. The only log I
am

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getting does not "capture" the print message.
Is there a way to
capture
that
print message in a log for a DTS package
step. Adding the code below
[or
similar code] will run without error but the
log file only has the
output
below. Is there a statement I need to set at
the beginning of the SQL
statements like 'echo on' or something?

Thank you for your assistance.

Ellen

----- the log

The execution of the following DTS
Package succeeded:
Package Name: Update Statistics on
DYNAMICS
Package Description: Update statistics for
DYNAMICS User Tables
Package ID:
{46569BFF-FD34-42C1-AFE9-74E4E4A0EF82}
Package Version:
{1888A3F0-140B-4751-B545-A0D4B7209298}
Package Execution Lineage:
{46683000-1F33-4071-A82B-91DBFEA2A652}
Executed On: SQLDY01
Executed By: ellen
Execution Started: 9/18/2007 9:55:38 AM
Execution Completed: 9/18/2007 9:55:38
AM
Total Execution Time: 0.172 seconds

Package Steps execution information:

Step 'DTSSStep_DTSExecuteSQLTask_1'
succeeded
Step Execution Started: 9/18/2007 9:55:38
AM
Step Execution Completed: 9/18/2007
9:55:38 AM
Total Step Execution Time: 0.109 seconds
Progress count in Step: 0

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Thank you for sharing your knowledge

""Peter YangMSFTJ"" wrote:

Hello Ellen,

Actually, when server run the command 'update statistics <tablename>' successfully, it doesn't return anything.

You could see "Command(s) completed successfully" message in Query Analyzer but you shall not see this from other applications such as OSQL etc because the message is actually generated by QA itself.

You could check "@@error" variable for the success of each command if you don't get any errors. You can view the text associated with an @@ERROR error number in sysmessages system table. For example, you could use the following script to do check the error of update statistics command.

=====

```
declare @tablename  
varchar(50)
```

```
select @tablename = 'tbl1'
```

```
declare @query as  
varchar(200)
```

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```
select @query= 'update
statistics ' + @tablename
exec (@query)
```

```
IF @@ERROR <> 0
BEGIN

PRINT N'An error occurred
while updateing statistics of
table
'+
@tablename;
RETURN 99;
END
ELSE
BEGIN
-- Return 0 to the calling
program to indicate success.
PRINT N'update statistics
succeeds for table '+
@tablename;
RETURN 0;
END;
```

If you have any further questions or comments on this issue, please feel free to let's know. Thank you.

Best Regards,

Peter Yang
MCSE2000/2003, MCSA,
MCDBA
Microsoft Online
Community Support

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