

Re: Profiler Bug viewing trace flat file?

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.tools/2008-02/msg00003.html>

- *From:* Cranfield <alan_cranfield@xxxxxxxx>
 - *Date:* Fri, 1 Feb 2008 03:25:08 -0800
-

The Application Name filter is correct. I obfuscated it intentionally – sorry. I need the filter as these servers are very busy at 300+ batch requests/sec.

The TextData column is definitely populated when I query resulting trace file through fn_trace_gettable. Here are some sample rows:

```
select [TextData]
from
fn_trace_gettable('g:\mssql\trace\archive\Logger_GUI_investigation_XXXXXXXX_20080201.trc',0)
```

TextData

```
exec PostAvailableContractsCache_sp 'CONNECT\fuuser404','31 January 2008
09:35:26'
exec PostAvailableContractsCache_sp 'CONNECT\fuuser304','31 January 2008
10:04:26'
..
..
```

All servers are SQL2005 SP2+.

I only want the RPC:Completed event. This works fine when the event is selected in Profiler and run from Profiler. If I then export the trace definition from Profiler, run the T-SQL trace, stop it, and then open the resulting trace file in Profiler, the TextData field is not there. But its there to view through fn_trace_gettable.

I'm not certain that SSMS will generate RPC events as a test.

As I said its not an issue for us as we load the trace files into tables but it does expose a bug somewhere in the Profiler GUI code.

Thanks for the tip on sys.traces!

--
-- cranfield, DBA

Re: Profiler Bug viewing trace flat file?

"Kalen Delaney" wrote:

I had some problems with this script. First, you have a filter to only return events when the Application Name is 'myfilter', and I don't have an application of that name. Even when I comment out that filter, I am still getting all NULLs in the textdata column.

I noticed that the only event you are capturing is RPC:Completed. Are you sure you are actually seeing the TextData column populated? Running a test through SSMS will generate RPC:Completed events so I see nothing there. If I had Batch:Completed to the list of events, with the text data column:

```
exec sp_trace_setevent @TraceID, 12, 1, @on
```

Then I can see text data just fine, both in the output from fn_trace_gettable and the Profiler.

--

HTH

Kalen Delaney, SQL Server MVP

www.insidesqlserver.com

<http://blog.kalendelaney.com>

"Cranfield" <alan_cranfield@xxxxxxxxxx> wrote in message news:630D3BC9-F968-402C-AEF8-3C48A5BE1E03@xxxxxxxxxxxxxxxxxxxxx

I'm collecting from 30 servers and they're all the same. Its not a major problem as all the trace files get loaded into SQL through fn_trace_gettable and there we get the TextData. I do open the odd one up through profiler though and this is where I notice the problem.

I guess you are correct in that fn_trace_gettable may derive the Textdata from the binary data.

Here is my code. Try and you will see:

```
-- Create a Queue
declare @rc int
declare @TraceID int
declare @maxfilesize bigint
set @maxfilesize = 5

exec @rc = sp_trace_create @TraceID output, 0, N'c:\mytrace',
@maxfilesize,
NULL
if (@rc != 0) goto error

-- Set the events
```

Re: Profiler Bug viewing trace flat file?

```
declare @on bit
set @on = 1
exec sp_trace_setevent @TraceID, 10, 15, @on
exec sp_trace_setevent @TraceID, 10, 16, @on
exec sp_trace_setevent @TraceID, 10, 1, @on
exec sp_trace_setevent @TraceID, 10, 9, @on
exec sp_trace_setevent @TraceID, 10, 17, @on
exec sp_trace_setevent @TraceID, 10, 10, @on
exec sp_trace_setevent @TraceID, 10, 18, @on
exec sp_trace_setevent @TraceID, 10, 11, @on
exec sp_trace_setevent @TraceID, 10, 12, @on
exec sp_trace_setevent @TraceID, 10, 13, @on
exec sp_trace_setevent @TraceID, 10, 6, @on
exec sp_trace_setevent @TraceID, 10, 14, @on

-- Set the Filters
declare @intfilter int
declare @bigintfilter bigint

exec sp_trace_setfilter @TraceID, 10, 1, 6, N'myfilter'
exec sp_trace_setfilter @TraceID, 10, 0, 7, N'SQL Server Profiler -
7412f6af-1549-44c6-bc15-4d0e9dbc9d61'
-- Set the trace status to start
exec sp_trace_setstatus @TraceID, 1

-- display trace id for future references
select TraceID=@TraceID
goto finish

error:
select ErrorCode=@rc

finish:
go

-- stop the trace
declare @trace_id INT
select @trace_id = 0

select @trace_id = traceid
from fn_trace_getinfo (NULL)
where value = 'c:\mytrace.trc'

IF @trace_id <> 0
BEGIN
EXEC master..sp_trace_setstatus @traceid = @trace_id ,@status = 0
EXEC master..sp_trace_setstatus @traceid = @trace_id ,@status = 2
END
```

Re: Profiler Bug viewing trace flat file?

--
-- cranfield, DBA

"Andrew J. Kelly" wrote:

That function will return all the columns regardless of if they were in the original trace or not. Most will simply be null though. It may be that the function is getting the data from the Binary column to display in the textdata but this sounds really weird since you say that Textdata is in the trace definition. Are you on the latest service pack? Have you tried creating a new trace definition and file from scratch to see if it is just this one file?

--
Andrew J. Kelly SQL MVP
Solid Quality Mentors

"Cranfield" <alan_cranfield@xxxxxxxxxx> wrote in message news:D9A75649-5AD5-4A55-9B1A-10A668B7A3B1@xxxxxxxxxxxxxxxxxxxxx

Hi Kalen

No, the TextData column is not in the properties in Profiler.

When I select from the file using fn_trace_gettable, TextData is the first column returned and has the data I require.

--
-- cranfield, DBA

"Kalen Delaney" wrote:

Re: Profiler Bug viewing trace flat file?

Can you look in the trace
properties once you open it
in Profiler to
see
if
text data is there?

--

HTH

Kalen Delaney, SQL Server

MVP

www.insidesqlserver.com

<http://blog.kalendelaney.com>

"Cranfield"

<alan_cranfield@xxxxxxxx>

wrote in message

news:4FC6DE47-D82F-4933-A9FE-EF34F01A3ACD@xxxxxxxxxxxxxxxx

Hello

I have
recorded a
Profiler
trace to a
flat file
using the
sp_trace
procs.

When I
query the
flat file
using the
fn_trace_gettable
i can see the
TextData
field but
when I open
the flat file
through the
Profiler
GUI I
dont
see the
TextData
field.

These are
the events

Re: Profiler Bug viewing trace flat file?

I'm logging:

```
-- Set the
events
declare
@on bit
set @on = 1
exec
sp_trace_setevent
@TraceID,
10, 15, @on
exec
sp_trace_setevent
@TraceID,
10, 16, @on
exec
sp_trace_setevent
@TraceID,
10, 1, @on
exec
sp_trace_setevent
@TraceID,
10, 9, @on
exec
sp_trace_setevent
@TraceID,
10, 17, @on
exec
sp_trace_setevent
@TraceID,
10, 2, @on
exec
sp_trace_setevent
@TraceID,
10, 10, @on
exec
sp_trace_setevent
@TraceID,
10, 18, @on
exec
sp_trace_setevent
@TraceID,
10, 11, @on
exec
sp_trace_setevent
@TraceID,
10, 12, @on
exec
sp_trace_setevent
@TraceID,
10, 13, @on
```

Re: Profiler Bug viewing trace flat file?

exec
sp_trace_setevent
@TraceID,
10, 6, @on
exec
sp_trace_setevent
@TraceID,
10, 14, @on

is this a
BUG or is
there a way
to see the
Textdata
field
through
Profiler?

tk
--
--
cranfield,
DBA