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Posted by [komrad](#) on Fri, 16 Sep 2022 14:27:54 GMT

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Database

Data File Auto Grow

Data File Auto Shrink

Database Mirroring State Change

Log File Auto Grow

Log File Auto Shrink

Errors and Warnings

ErrorLog

Hash Warning

Missing Column Statistics

Missing Join Predicate

Sort Warnings

Full text

FT:Crawl Started

FT:Crawl Stopped

Objects

Object:Altered

Object:Created

Object:Deleted

Performance

Plan Guide Unsuccessful

Security Audit

Audit Add DB User Event

Audit Add Login to Server Role Event

Audit Add Member to DB Role Event

Audit Add Role Event

Audit Addlogin Event

Audit Backup/Restore Event

Audit Change Audit Event

Audit Change Database Owner

Audit Database Scope GDR Event

Audit DBCC Event

Audit Login Change Property Event

Audit Login Failed

Audit Login GDR Event

Audit Schema Object GDR Event

Audit Schema Object Take Ownership Event

Audit Server Alter Trace Event  
Audit Server Starts And Stops  
Server  
Server Memory Change

<https://www.mssqltips.com/sqlservertip/3445/using-the-sql-server-default-trace-to-audit-events/>

enjoy!

## File Attachments

- 1) [sp\\_helptrace.txt](#), downloaded 968 times
- 2) [sp\\_helptrace\\_pic1.jpg](#), downloaded 4805 times

1) exec sp\_helptrace

100 %

Results Messages

	EventCategory	EventDesc	ClassID	Events	HappenedToday	FirstEvent	LastEvent
1	Database	Data File Auto Grow	92	65	7	2022-09-09 01:08:12.173	2022-09-16 11:08:44.6
2	Database	Log File Auto Grow	93	5	0	2022-09-15 16:23:39.240	2022-09-15 16:33:11.3
3	Errors and Warnings	ErrorLog	22	106	0	2022-09-10 00:30:05.770	2022-09-13 07:37:41.1
4	Errors and Warnings	Hash Warning	55	372	35	2022-09-08 21:47:18.533	2022-09-16 15:10:42.4
5	Errors and Warnings	Missing Column Statistics	79	58061	4205	2022-09-08 21:25:59.030	2022-09-16 15:08:03.2
6	Errors and Warnings	Missing Join Predicate	80	7742	937	2022-09-08 21:48:26.547	2022-09-16 15:02:34.6
7	Errors and Warnings	Sort Warnings	69	94491	1978	2022-09-08 21:15:33.543	2022-09-16 15:12:40.3
8	Objects	Object:Altered	164	142	4	2022-09-08 21:48:44.160	2022-09-16 07:55:03.6
9	Objects	Object:Created	46	71844	4906	2022-09-08 21:25:56.213	2022-09-16 14:34:08.7
10	Objects	Object:Deleted	47	2	0	2022-09-14 11:46:54.170	2022-09-14 11:46:54.1
11	Security Audit	Audit Backup/Restore Event	115	33860	3389	2022-09-09 00:26:48.593	2022-09-16 12:35:08.8
12	Security Audit	Audit DBCC Event	116	57357	5918	2022-09-08 21:59:12.690	2022-09-16 15:00:02.2
13	Security Audit	Audit Server Alter Trace Event	175	9	9	2022-09-16 15:12:53.540	2022-09-16 15:12:53.5

- 3) [sp\\_helptrace\\_pic2.jpg](#), downloaded 4782 times

```
1 exec sp_helptrace
```

100 %

Results Messages

Default trace current file: [D:\Program Files\Microsoft SQL Server\MSSQL14.DMS\_RAW\MSSQL\Log\log\_124.trc]  
Start time: 16 Apr 2022 05:27:39  
Last event: 16 Sep 2022 15:12:53

Other traces:

```
/* ----- Current Query ----- */

use master;
select
    tc.name [EventCategory]
    , te.name [EventDesc]
    , ft.EventClass [ClassID]
    , count(1) [Events]
    , sum(case when ft.StartTime >=convert(date,getdate()) then 1 else 0 end) [Happen]
    , min(ft.StartTime) [FirstEvent]
    , max(ft.StartTime) [LastEvent]
    , case
        when datediff(ss,min(ft.StartTime),max(ft.StartTime))>86400 then convert(varchar(10),dateadd(ss,datediff(ss,min(ft.StartTime),max(ft.StartTime)),getdate()),0)
        else '' end
    + convert(varchar(10),dateadd(ss,datediff(ss,min(ft.StartTime),max(ft.StartTime)),getdate()),0)

    ,case
        when datediff(ss,max(ft.StartTime),getdate())>86400 then convert(varchar(10),dateadd(ss,datediff(ss,max(ft.StartTime),getdate()),getdate()),0)
        else '' end
    + convert(varchar(10),dateadd(ss,datediff(ss,max(ft.StartTime),getdate()),getdate()),0)

FROM sys.traces t CROSS Apply
    ::fn_trace_gettable('D:\Program Files\Microsoft SQL Server\MSSQL14.DMS_RAW\MSSQL\Log\log_124.trc',1) AS ft
INNER JOIN sys.trace_events AS te ON ft.EventClass = te.trace_event_id
INNER JOIN sys.trace_categories tc on te.category_id=tc.category_id
where
    t.is_default=1
    and t.status=1

group by tc.name, te.name, ft.EventClass
order by 1,2;
```

4) [sp\\_helptrace\\_pic3.jpg](#), downloaded 4811 times

```
1 exec sp_helptrace 'Data File Auto Grow'
```

100 %

Results Messages

	name	SPID	LoginName	Hostname	ClientProcessID	DatabaseName	FileName
1	Data File Auto Grow	56	CR...	PF...	6240	Germany_DATA	Gema...
2	Data File Auto Grow	56	CR...	PF...	6240	Germany_DATA	Gema...
3	Data File Auto Grow	89	CR...	PF...	14752	Mexico_DATA	Mexic...
4	Data File Auto Grow	160	CR...	PF...	13152	France_DATA	Franc...