Extended Events

--1--

CREATE EVENT SESSION [QueriesLongerThan5s] ON SERVER

ADD EVENT sqlserver.sql\_statement\_completed(SET collect\_statement=(1)

ACTION(sqlserver.database\_name,sqlserver.nt\_username,sqlserver.sql\_text)

WHERE ([duration]>(5000000)))

ADD TARGET package0.ring\_buffer

GO

--2--

CREATE EVENT SESSION [findDepricated] ON SERVER

ADD EVENT sqlserver.deprecation\_announcement(

ACTION(sqlserver.database\_name,sqlserver.nt\_username,sqlserver.sql\_text)),

ADD EVENT sqlserver.deprecation\_final\_support(

ACTION(sqlserver.database\_name,sqlserver.nt\_username,sqlserver.sql\_text))

ADD TARGET package0.ring\_buffer

GO

--3--

CREATE EVENT SESSION [deadlock] ON SERVER

ADD EVENT sqlserver.database\_xml\_deadlock\_report,

ADD EVENT sqlserver.lock\_deadlock,

ADD EVENT sqlserver.lock\_deadlock\_chain,

ADD EVENT sqlserver.xml\_deadlock\_report(

ACTION(sqlserver.database\_name,sqlserver.sql\_text))

ADD TARGET package0.ring\_buffer

GO

--4. find history of function call

CREATE EVENT SESSION [FuctionsHist] ON SERVER

ADD EVENT sqlserver.existing\_connection(

ACTION(package0.callstack,sqlserver.compile\_plan\_guid,sqlserver.database\_name,sqlserver.sql\_text,sqlserver.tsql\_stack)),

ADD EVENT sqlserver.login(SET collect\_options\_text=(1)

ACTION(package0.callstack,sqlserver.compile\_plan\_guid,sqlserver.database\_name,sqlserver.sql\_text,sqlserver.tsql\_stack)),

ADD EVENT sqlserver.logout(

ACTION(package0.callstack,sqlserver.compile\_plan\_guid,sqlserver.database\_name,sqlserver.sql\_text,sqlserver.tsql\_stack)),

ADD EVENT sqlserver.module\_end(

ACTION(package0.callstack,sqlserver.compile\_plan\_guid,sqlserver.database\_name,sqlserver.sql\_text,sqlserver.tsql\_stack)),

ADD EVENT sqlserver.module\_start(

ACTION(package0.callstack,sqlserver.compile\_plan\_guid,sqlserver.database\_name,sqlserver.sql\_text,sqlserver.tsql\_stack)),

ADD EVENT sqlserver.rpc\_starting(

ACTION(package0.callstack,sqlserver.compile\_plan\_guid,sqlserver.database\_name,sqlserver.sql\_text,sqlserver.tsql\_stack)

WHERE ([package0].[greater\_than\_uint64]([sqlserver].[database\_id],(4)) AND [package0].[equal\_boolean]([sqlserver].[is\_system],(0)))),

ADD EVENT sqlserver.sp\_statement\_starting(SET collect\_object\_name=(1),collect\_statement=(1)

ACTION(package0.callstack,sqlserver.compile\_plan\_guid,sqlserver.database\_name,sqlserver.sql\_text,sqlserver.tsql\_stack)

WHERE ([package0].[greater\_than\_uint64]([sqlserver].[database\_id],(4)) AND [package0].[equal\_boolean]([sqlserver].[is\_system],(0)))),

ADD EVENT sqlserver.sql\_batch\_starting(

ACTION(package0.callstack,sqlserver.compile\_plan\_guid,sqlserver.database\_name,sqlserver.sql\_text,sqlserver.tsql\_stack)

WHERE ([package0].[greater\_than\_uint64]([sqlserver].[database\_id],(4)) AND [package0].[equal\_boolean]([sqlserver].[is\_system],(0))))

ADD TARGET package0.ring\_buffer

WITH (MAX\_MEMORY=4096 KB,EVENT\_RETENTION\_MODE=ALLOW\_SINGLE\_EVENT\_LOSS,MAX\_DISPATCH\_LATENCY=30 SECONDS,MAX\_EVENT\_SIZE=0 KB,MEMORY\_PARTITION\_MODE=NONE,TRACK\_CAUSALITY=ON,STARTUP\_STATE=OFF)

GO