USE [DBAAdmin]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Full\_UpdateStats\_Log] Script Date: 6/10/2024 6:49:52 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Full\_UpdateStats\_Log](

[Query] [varchar](4000) NULL,

[Table\_Type] [varchar](200) NULL,

[Insert\_Date] [datetime] NULL,

[Row\_ID] [int] IDENTITY(1,1) NOT NULL

) ON [PRIMARY]

GO

On User database

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[usp\_DoFullUpdateStats\_Clustered] Script Date: 6/10/2024 6:48:16 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE proc [dbo].[usp\_DoFullUpdateStats\_Clustered]

as

delete from dbaadmin..Full\_UpdateStats\_Log where insert\_date< convert(date,getdate()-3)

DECLARE @table\_name varchar(1000),@sql nvarchar(4000) , @counter int

declare c1 cursor for

-- tables with clustered index

select

distinct '['+ss.name+'].'+'['+so.name +']' name

from sys.objects so

inner join sys.schemas ss on so.schema\_id=ss.schema\_id

inner join sys.indexes si on si.object\_id=so.object\_id

where so.type='U' and si.type\_desc='Clustered'

select @counter=1

open c1

fetch next from c1 into @table\_name

while @@Fetch\_Status = 0

begin

Select @sql = 'UPDATE STATISTICS '+ @table\_name +' WITH FULLSCAN, MAXDOP =0 '

print convert(varchar,@counter)+' '+@sql

select @counter=@counter+1

begin try

exec sp\_executesql @sql

insert into dbaadmin..Full\_UpdateStats\_Log (Query,Table\_Type,Insert\_Date) Values (@sql,'Clustered',GETDATE())

--print @sql

end try

begin catch

print @sql

print 'error'

end catch

fetch next from c1 into @table\_name

end

close c1

deallocate c1

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[usp\_DoFullUpdateStats\_Heap] Script Date: 6/10/2024 6:51:04 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE proc [dbo].[usp\_DoFullUpdateStats\_Heap]

as

delete from dbaadmin..Full\_UpdateStats\_Log where insert\_date< convert(date,getdate()-3)

DECLARE @table\_name varchar(1000),@sql nvarchar(4000) , @counter int

declare c1 cursor for

-- tables with clustered index

select

distinct '['+ss.name+'].'+'['+so.name +']' name

from sys.objects so

inner join sys.schemas ss on so.schema\_id=ss.schema\_id

inner join sys.indexes si on si.object\_id=so.object\_id

where so.type='U' and si.type\_desc='heap'

select @counter=1

open c1

fetch next from c1 into @table\_name

while @@Fetch\_Status = 0

begin

Select @sql = 'UPDATE STATISTICS '+ @table\_name +' WITH FULLSCAN, MAXDOP =0 '

print convert(varchar,@counter)+' '+@sql

select @counter=@counter+1

begin try

exec sp\_executesql @sql

insert into dbaadmin..Full\_UpdateStats\_Log (Query,Table\_Type,Insert\_Date) Values (@sql,'heap',GETDATE())

--print @sql

end try

begin catch

print @sql

print 'error'

end catch

fetch next from c1 into @table\_name

end

close c1

deallocate c1

GO

USE [msdb]

GO

/\*\*\*\*\*\* Object: Job [DBA\_FULL\_UpdateStats\_Clustered\_DB\_NAME] Script Date: 6/10/2024 6:47:27 PM \*\*\*\*\*\*/

BEGIN TRANSACTION

DECLARE @ReturnCode INT

SELECT @ReturnCode = 0

/\*\*\*\*\*\* Object: JobCategory [[Uncategorized (Local)]] Script Date: 6/10/2024 6:47:27 PM \*\*\*\*\*\*/

IF NOT EXISTS (SELECT name FROM msdb.dbo.syscategories WHERE name=N'[Uncategorized (Local)]' AND category\_class=1)

BEGIN

EXEC @ReturnCode = msdb.dbo.sp\_add\_category @class=N'JOB', @type=N'LOCAL', @name=N'[Uncategorized (Local)]'

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

END

DECLARE @jobId BINARY(16)

EXEC @ReturnCode = msdb.dbo.sp\_add\_job @job\_name=N'DBA\_FULL\_UpdateStats\_Clustered\_DB\_NAME',

@enabled=1,

@notify\_level\_eventlog=0,

@notify\_level\_email=0,

@notify\_level\_netsend=0,

@notify\_level\_page=0,

@delete\_level=0,

@description=N'No description available.',

@category\_name=N'[Uncategorized (Local)]',

@owner\_login\_name=N'dbateam', @job\_id = @jobId OUTPUT

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

/\*\*\*\*\*\* Object: Step [Step1\_Cl\_Updtstats] Script Date: 6/10/2024 6:47:27 PM \*\*\*\*\*\*/

EXEC @ReturnCode = msdb.dbo.sp\_add\_jobstep @job\_id=@jobId, @step\_name=N'Step1\_Cl\_Updtstats',

@step\_id=1,

@cmdexec\_success\_code=0,

@on\_success\_action=1,

@on\_success\_step\_id=0,

@on\_fail\_action=2,

@on\_fail\_step\_id=0,

@retry\_attempts=0,

@retry\_interval=0,

@os\_run\_priority=0, @subsystem=N'TSQL',

@command=N'usp\_DoFullUpdateStats\_Clustered',

@database\_name=N'DB\_NAME',

@flags=0

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

EXEC @ReturnCode = msdb.dbo.sp\_update\_job @job\_id = @jobId, @start\_step\_id = 1

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

EXEC @ReturnCode = msdb.dbo.sp\_add\_jobschedule @job\_id=@jobId, @name=N'Full\_UpdStst\_CL\_2nd\_Sun',

@enabled=1,

@freq\_type=32,

@freq\_interval=1,

@freq\_subday\_type=1,

@freq\_subday\_interval=0,

@freq\_relative\_interval=2,

@freq\_recurrence\_factor=1,

@active\_start\_date=20221228,

@active\_end\_date=99991231,

@active\_start\_time=100,

@active\_end\_time=235959,

@schedule\_uid=N'cc4dd794-1471-4273-a97e-58621d610e1b'

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

EXEC @ReturnCode = msdb.dbo.sp\_add\_jobschedule @job\_id=@jobId, @name=N'One Time Full UpdateStats',

@enabled=0,

@freq\_type=1,

@freq\_interval=0,

@freq\_subday\_type=0,

@freq\_subday\_interval=0,

@freq\_relative\_interval=0,

@freq\_recurrence\_factor=0,

@active\_start\_date=20230204,

@active\_end\_date=99991231,

@active\_start\_time=500,

@active\_end\_time=235959,

@schedule\_uid=N'9ccb5c8c-8217-486b-a94e-c6b261136dd7'

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

EXEC @ReturnCode = msdb.dbo.sp\_add\_jobserver @job\_id = @jobId, @server\_name = N'(local)'

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

COMMIT TRANSACTION

GOTO EndSave

QuitWithRollback:

IF (@@TRANCOUNT > 0) ROLLBACK TRANSACTION

EndSave:

GO

USE [msdb]

GO

/\*\*\*\*\*\* Object: Job [DBA\_FULL\_UpdateStats\_HEAP\_DB\_NAME] Script Date: 6/10/2024 6:47:35 PM \*\*\*\*\*\*/

BEGIN TRANSACTION

DECLARE @ReturnCode INT

SELECT @ReturnCode = 0

/\*\*\*\*\*\* Object: JobCategory [[Uncategorized (Local)]] Script Date: 6/10/2024 6:47:35 PM \*\*\*\*\*\*/

IF NOT EXISTS (SELECT name FROM msdb.dbo.syscategories WHERE name=N'[Uncategorized (Local)]' AND category\_class=1)

BEGIN

EXEC @ReturnCode = msdb.dbo.sp\_add\_category @class=N'JOB', @type=N'LOCAL', @name=N'[Uncategorized (Local)]'

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

END

DECLARE @jobId BINARY(16)

EXEC @ReturnCode = msdb.dbo.sp\_add\_job @job\_name=N'DBA\_FULL\_UpdateStats\_HEAP\_DB\_NAME',

@enabled=1,

@notify\_level\_eventlog=0,

@notify\_level\_email=0,

@notify\_level\_netsend=0,

@notify\_level\_page=0,

@delete\_level=0,

@description=N'No description available.',

@category\_name=N'[Uncategorized (Local)]',

@owner\_login\_name=N'dbateam', @job\_id = @jobId OUTPUT

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

/\*\*\*\*\*\* Object: Step [Step] Script Date: 6/10/2024 6:47:35 PM \*\*\*\*\*\*/

EXEC @ReturnCode = msdb.dbo.sp\_add\_jobstep @job\_id=@jobId, @step\_name=N'Step',

@step\_id=1,

@cmdexec\_success\_code=0,

@on\_success\_action=1,

@on\_success\_step\_id=0,

@on\_fail\_action=2,

@on\_fail\_step\_id=0,

@retry\_attempts=0,

@retry\_interval=0,

@os\_run\_priority=0, @subsystem=N'TSQL',

@command=N'usp\_DoFullUpdateStats\_Heap',

@database\_name=N'DB\_NAME',

@flags=0

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

EXEC @ReturnCode = msdb.dbo.sp\_update\_job @job\_id = @jobId, @start\_step\_id = 1

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

EXEC @ReturnCode = msdb.dbo.sp\_add\_jobschedule @job\_id=@jobId, @name=N'Full\_UpdtSts\_Heap\_2nd\_Sun',

@enabled=1,

@freq\_type=32,

@freq\_interval=1,

@freq\_subday\_type=1,

@freq\_subday\_interval=0,

@freq\_relative\_interval=2,

@freq\_recurrence\_factor=1,

@active\_start\_date=20221228,

@active\_end\_date=99991231,

@active\_start\_time=100,

@active\_end\_time=235959,

@schedule\_uid=N'31b8c3cf-a978-4058-87d7-69b482ba556e'

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

EXEC @ReturnCode = msdb.dbo.sp\_add\_jobschedule @job\_id=@jobId, @name=N'One Time Full UpdateStats',

@enabled=0,

@freq\_type=1,

@freq\_interval=0,

@freq\_subday\_type=0,

@freq\_subday\_interval=0,

@freq\_relative\_interval=0,

@freq\_recurrence\_factor=0,

@active\_start\_date=20230204,

@active\_end\_date=99991231,

@active\_start\_time=500,

@active\_end\_time=235959,

@schedule\_uid=N'9ccb5c8c-8217-486b-a94e-c6b261136dd7'

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

EXEC @ReturnCode = msdb.dbo.sp\_add\_jobserver @job\_id = @jobId, @server\_name = N'(local)'

IF (@@ERROR <> 0 OR @ReturnCode <> 0) GOTO QuitWithRollback

COMMIT TRANSACTION

GOTO EndSave

QuitWithRollback:

IF (@@TRANCOUNT > 0) ROLLBACK TRANSACTION

EndSave:

GO