

BACKUP & RESTORE DATABASE 2008 VERSION

```
/* Full Backup */
BACKUP DATABASE [DATABASE_NAME]
TO DISK = 'C:\...' /* Absolute Path */
WITH
COMPRESSION /* Save host capacity */
/* Differential Backup */
BACKUP DATABASE [DATABASE_NAME]
TO DISK = 'C:\...' /* Absolute Path */
WITH
COMPRESSION /* Save host capacity */
, DIFFERENTIAL
RESTORE DATABASE [DATABASE_NAME]
FROM DISK = 'C:\...' /* Absolute Path */
WITH
REPLACE /* Give Up Old Data. Replace Database */
, STATS = 10 /* Every 10% Return On Progress */
, RECOVERY
```

GetExecutingSqlTextOnDatabase

```
SELECT
sys.sysprocesses.spid
, sys.sysprocesses.dbid
, DB_NAME(sysprocesses.dbid) AS DBNAME
, sys.sysprocesses.cpu
, sys.sysprocesses.physical_io
, sys.sysprocesses.memory_usage
, sys.sysprocesses.login_time AS PROC_LOGIN
, sys.sysprocesses.last_batch AS PROC_LAST_BATCH
, DATEDIFF
(
MINUTE
, sys.sysprocesses.login_time
, sys.sysprocesses.last_batch
)
AS SPENT_MINUTE
, sys.sysprocesses.status AS PROC_STATUS
, sys.sysprocesses.hostname AS HOST
, sys.sysprocesses.program_name AS PROGRAM
, sys.sysprocesses.login_name AS SQL_LOGIN
, sys.dm_exec_sql_text.text AS SQL_TEXT
FROM sys.sysprocesses CROSS APPLY sys.dm_exec_sql_text(sys.sysprocesses.sql_handle)
```

取得正在執行的執行緒與其資料(process & info)，包括正在執行的語法



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Not published yet.

Last updated 18th March, 2017.

Page 1 of 2.

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ClearDatabaseLog (ResetLogFileToNewValue)

```
USE [DatabaseName] GO
ALTER DATABASE [DatabaseName]
SET RECOVERY SIMPLE WITH NO_WAIT
DECLARE @TARGET_MB AS INT=1
DBCC SHRINKFILE (DatabaseName_LOG_logic_Name, @TARGET_MB)
ALTER DATABASE [DatabaseName]
SET RECOVERY FULL WITH NO_WAIT
GO
```

Database_LOG_logic_Name=資料庫記錄檔(.ldf)的邏輯名稱

查詢如下

```
SELECT
[LOGIC_NAME]=name
, physical_name
FROM sys.database_files
```



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Last updated 18th March, 2017.

Page 2 of 2.

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