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Get DDL for any SQL 2005 table

By [Lowell Izaguirre](#),

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The purpose of sp_GetDDL is to get the full DDL of any table in TSQL; a function version of the same code also exists.

since the results are in a single varchar(max), it makes it easy to use in the auditing of DDL triggers, or capturing an occasional schema snapshot for disaster recovery scenarios.

Behind the scenes it's smart, readable but somewhat complicated code. usage upfront is easy:

```
exec sp_GetDDL YourTableName
```

```
-- or
```

```
exec sp_GetDDL 'schemaname.tablename'
```

```
-- or
```

```
exec sp_GetDDL [schemaname].[tablename]
```

it produces well formatted CREATE TABLE scripts like this: note that a lot of testing went into the spacing to make everything have a sharp appearance;

The proc has been enhanced to fix minor issues, and recently added any extended properties for the table or it's columns.

```
CREATE TABLE [dbo].[TBSTATE] (
[STATETBLKEY] INT NOT NULL
[INDEXTBLKEY] INT NOT NULL
[STATECODE] CHAR(2) NOT NULL
[STATENAME] VARCHAR(50) NOT NULL
[FIPS] CHAR(3) NULL
CONSTRAINT [PK_TBSTATE__17A421EC] PRIMARY KEY ([STATETBLKEY])
CONSTRAINT [STATECODEUNIQUE] UNIQUE ([STATECODE])
)
```

```
-- USAGE: exec sp_GetDDL YourTableName
-- or exec sp_GetDDL 'bob.example'
-- or exec sp_GetDDL '[schemaname].[tablename]'
```

```
-- copyright 2004-2009 by Lowell Izaguirre scripts*at*stormrage.com
-- http://www.stormrage.com/Portals/0/SSC/sp_GetDDL2005_V304.txt
-- V300 uses String concatenation and sys.tables instead of a cursor
-- V301 enhanced 07/31/2009 to include extended properties definiti
-- V302 fixes an issue where the schema is created , ie 'bob', but
-- V303 fixes an issue where all rules are appearing, instead of js
-- V304 testing whether vbCrLf is better than just CHAR(13), some f
-- also fixed an issue with the conversion from syscolumns to sys.c
-- You can use this however you like...this script is not rocket sc
-- the only thing that I ask
-- is that if you adapt my procedure or make it better, to simply s
-- so I can learn from the things you've enhanced.The feedback you
-- it worthwhile to me, and will be fed back to the SQL community.
-- add this to your toolbox of helpful scripts.
-------
--if you are going to put this in MASTER, and want it to be able to
```



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