

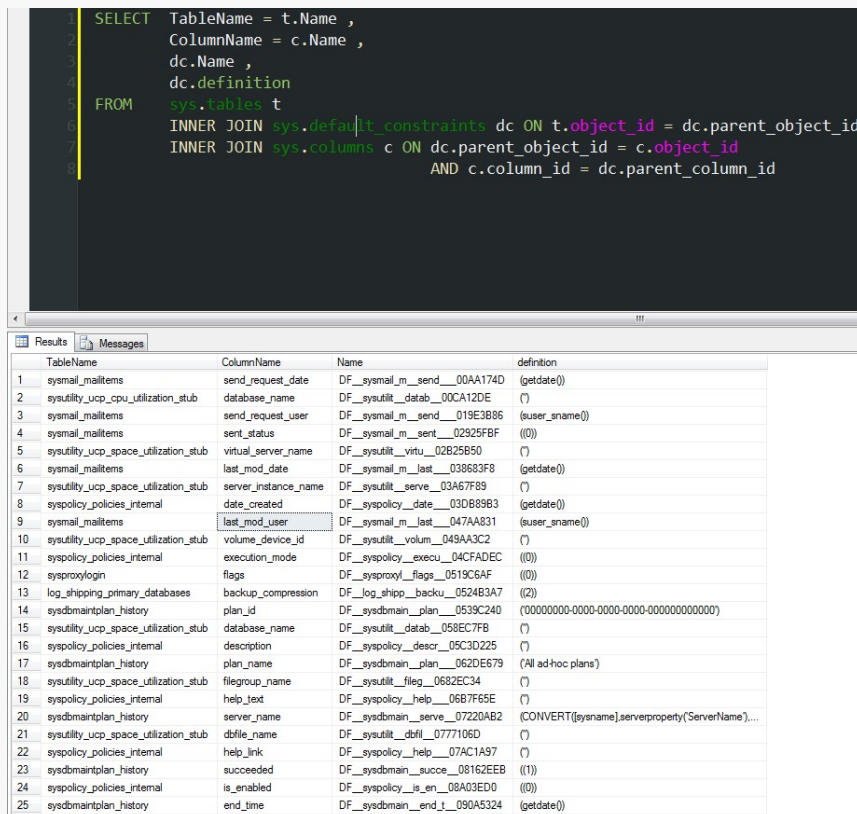
# SQL Server: Get list of all constraints

Published 9/27/2013 by [Raghav Khunger](#)

Below is the SQL query to get all constraints:

```
SELECT
    TableName = t.Name,
    ColumnName = c.Name,
    dc.Name,
    dc.definition
FROM sys.tables t
INNERJOIN sys.default_constraints dc ON t.object_id = dc.parent_object_id
INNERJOIN sys.columns c ON dc.parent_object_id = c.object_id AND c.column_id = dc.parent_column_id
```

Below is the output when I ran the same query on msdb database:



```
1 SELECT TableName = t.Name ,
2     ColumnName = c.Name ,
3     dc.Name ,
4     dc.definition
5 FROM sys.tables t
6     INNER JOIN sys.default_constraints dc ON t.object_id = dc.parent_object_id
7     INNER JOIN sys.columns c ON dc.parent_object_id = c.object_id
8     AND c.column_id = dc.parent_column_id
```

TableName	ColumnName	Name	definition
1 sysmail_mailitems	send_request_date	DF_sysmail_m_send__00AA174D	(getdate())
2 sysutility_ucp_cpu_utilization_stub	database_name	DF_sysutilit_datab__00CA12DE	(?)
3 sysmail_mailitems	send_request_user	DF_sysmail_m_send__019E3B86	(user_name())
4 sysmail_mailitems	sent_status	DF_sysmail_m_send__02925FBF	((0))
5 sysutility_ucp_space_utilization_stub	virtual_server_name	DF_sysutilit_virtu__02B25B50	(?)
6 sysmail_mailitems	last_mod_date	DF_sysmail_m_last__038683F8	(getdate())
7 sysutility_ucp_space_utilization_stub	server_instance_name	DF_sysutilit_serve__03A67F89	(?)
8 syspolicy_policies_internal	date_created	DF_syspolicy__date__03D689B3	(getdate())
9 sysmail_mailitems	last_mod_user	DF_sysmail_m_last__047AA831	(user_name())
10 sysutility_ucp_space_utilization_stub	volume_device_id	DF_sysutilit__volum__049AA3C2	(?)
11 syspolicy_policies_internal	execution_mode	DF_syspolicy__execu__04CFADEC	((0))
12 sysproxylogin	flags	DF_sysproxy__flags__0519C6AF	((0))
13 log_shipping_primary_databases	backup_compression	DF__log_shipp__backu__0524B3A7	((2))
14 sysdbmaintplan_history	plan_id	DF__sysdbmain__plan__0539C240	((00000000-0000-0000-0000-000000000000))
15 sysutility_ucp_space_utilization_stub	database_name	DF_sysutilit_datab__058EC7F8	(?)
16 syspolicy_policies_internal	description	DF_syspolicy__desc_05C3D225	(?)
17 sysdbmaintplan_history	plan_name	DF__sysdbmain__plan__062DE679	(All ad-hoc plans)
18 sysutility_ucp_space_utilization_stub	filegroup_name	DF_sysutilit__fileg__0682EC34	(?)
19 syspolicy_policies_internal	help_text	DF_syspolicy__help__06B7F65E	(?)
20 sysdbmaintplan_history	server_name	DF__sysdbmain__serve__0722DAB2	(CONVERT([sysname],serverproperty('ServerName'))...
21 sysutility_ucp_space_utilization_stub	dbfile_name	DF_sysutilit__dbfil__0777106D	(?)
22 syspolicy_policies_internal	help_link	DF_syspolicy__help__07AC1A97	(?)
23 sysdbmaintplan_history	succeeded	DF__sysdbmain__succe__08162EEB	((1))
24 syspolicy_policies_internal	is_enabled	DF_syspolicy__is_en__08A03ED0	((0))
25 sysdbmaintplan_history	end_time	DF__sysdbmain__end_t__090A5324	(getdate())

tags : constraints, Sql, sql-server