

SQL Server Tutorial

Part 133 - sp_depends in SQL Server

Venkat

PRAGIM Technologies

kudvenkat@gmail.com

<http://csharp-video-tutorials.blogspot.com>

PragimTech.com | facebook.com/pragimtech | twitter.com/kudvenkat | 91 99456 99393

In this session we will learn

- sp_depends system stored procedure

Link to Dot Net Basics, ASP.NET, C#, ADO.NET and SQL Server video series

<http://www.youtube.com/user/kudvenkat/playlists>

Suggested Videos

Part 130 - Offset fetch next in SQL Server 2012

Part 131 - Identifying object dependencies in SQL Server

Part 132 - sys.dm_sql_referencing_entities in SQL Server

sp_depends in SQL Server

If you are in need of the DVD with all the videos and PPT's, please visit
<http://pragimtech.com/order.aspx>

There are several ways to find object dependencies in SQL Server

1. View Dependencies feature in SQL Server Management Studio - **Part 131**
2. SQL Server dynamic management functions - **Part 132**
 1. sys.dm_sql_referencing_entities
 2. sys.dm_sql_referenced_entities
3. sp_depends system stored procedure - **This video**

sp_depends

1. A system stored procedure that returns object dependencies
2. For example,
 1. If you specify a table name as the argument, then the views and procedures that depend on the specified table are displayed
 2. If you specify a view or a procedure name as the argument, then the tables and views on which the specified view or procedure depends are displayed

Syntax: `Execute sp_depends 'ObjectName'`

sp_depends in SQL Server

Returns the stored procedure that depends on table Employees

```
sp_depends 'Employees'
```



| name | type |
|---------------------|------------------|
| dbo.sp_GetEmployees | stored procedure |

Returns the name of the table and the respective column names on which the stored procedure sp_GetEmployees depends

```
sp_depends 'sp_GetEmployees'
```



| name | type | updated | selected | column |
|---------------|------------|---------|----------|--------|
| dbo.Employees | user table | no | yes | Id |
| dbo.Employees | user table | no | yes | Name |
| dbo.Employees | user table | no | yes | Gender |

sp_depends does not report dependencies correctly, if the table on which the stored procedure depends is deleted and recreated.

sp_depends is on the deprecation path. This might be removed from the future versions of SQL server.

Additional Resources

PRAGIM Home Page:

www.PragimTech.com

Resources:

C#, ADO.NET, ASP.NET, SQL Server & MVC youtube Playlists

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