www.PragimTech.com

Pragim@PragimTech.com

Part 32 - Multi-Statement Table Valued Functions

Venkat
PRAGIM Technologies
kudvenkat@gmail.com
http://csharp-video-tutorials.blogspot.com

PRAGIM Technologies | www.pragimtech.com | 9900113931





In this session we will learn

- Creating Multi-Statement Table Valued Function
- Difference between inline and multi-statement Table Valued Functions

Pre-requisite

Part 30 - User Defined Functions
Part 31 - Inline Table Valued Functions

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Multi-Statement Table Valued Functions

Multi statement table valued functions are very similar to Inline Table valued functions, with a few differences.

Id	Name	DateOfBirth	Gender	DepartmentId	Id	Name	DOB
1	Sam	1980-12-30 00:00:00.000	Male	1	1	Sam	1980-12-30
2	Pam	1982-09-01 12:02:36.260	Female	2	2	Pam	1982-09-01
3	John	1985-08-22 12:03:30.370	Male	1	3	John	1985-08-22
4	Sara	1979-11-29 12:59:30.670	Female	3	4	Sara	1979-11-29
5	Todd	1978-11-29 12:59:30.670	Male	1	5	Todd	1978-11-29

```
--Inline Table Valued Function

Create Function fn_ILTVF_GetEmployees()

Returns Table
as

Return (Select Id, Name, Cast(DateOfBirth as Date) as DOB From tblEmployees)

--Multi-statement Table Valued Function

Create Function fn_MSTVF_GetEmployees()

Returns @Table Table (Id int, Name nvarchar(20), DOB Date)
as

Begin

Insert into @Table
Select Id, Name, Cast(DateOfBirth as Date) From tblEmployees

Return
```

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Additional Resources

- PRAGIM Home Page:
 - http://www.PragimTech.com
- Resources:
 - ASP.NET Interview Questions
 - http://www.VenkatASPInterview.Blogspot.com
 - C# Interview Questions
 - http://www.VenkatCSharpInterview.Blogspot.com

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