

Part 42 –View Limitations

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In this session we will learn

- View Limitations

Prerequisite:

Part 39 - View Basics

Part 40 - Updateable Views

Part 41 - Indexed Views

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View Limitations

1. You cannot pass parameters to a view. Table Valued functions are an excellent replacement for parameterized views.
2. Rules and Defaults cannot be associated with views.
3. The ORDER BY clause is invalid in views unless TOP or FOR XML is also specified.
4. Views cannot be based on temporary tables.

View Limitations

```
Create View vWEmployeeDetails
as
Select Id, Name, Gender, DepartmentId
from   tblEmployee
```

```
Create View vWEmployeeDetails
@Gender nvarchar(20)
as
Select Id, Name, Gender, DepartmentId
from   tblEmployee
Where  Gender = @Gender
```

```
--You can filter Gender in the WHERE clause
Select * from vWEmployeeDetails where Gender = 'Male'
```

```
-- Inline Table valued function as a replacement for
-- Parameterized views
Create function fnEmployeeDetails(@Gender nvarchar(20))
Returns Table
as
Return
(Select Id, Name, Gender, DepartmentId
from tblEmployee where Gender = @Gender)

Select * from dbo.fnEmployeeDetails('Male')
```

Cannot create views on Temp Tables

```
Create Table ##TestTempTable
(Id int, Name nvarchar(20), Gender nvarchar(10))

Insert into ##TestTempTable values (101, 'Martin', 'Male')
Insert into ##TestTempTable values (102, 'Joe', 'Female')
Insert into ##TestTempTable values (103, 'Pam', 'Female')
Insert into ##TestTempTable values (104, 'James', 'Male')

Create View vwOnTempTable
as
Select Id, Name, Gender
from ##TestTempTable
```

Additional Resources

- PRAGIM Home Page:

- www.PragimTech.com

- Resources:

- ASP.NET Interview Questions
 - www.VenkatASPInterview.Blogspot.com
 - C# Interview Questions
 - www.VenkatCSharpInterview.Blogspot.com
 - SQL Server Interview Questions
 - www.venkatsqlinterview.Blogspot.com