

SMS SDK – Reports.create

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I'm trying to create three web reports using the SMS SDK based on these three queries below. I want to have each query drill through to the next with last one drill through to Computer details.

None of the examples within the SDK show how to create a drill through report.

Query 1

```
Select Manufacturer0, count(Manufacturer0) from v_GS_COMPUTER_SYSTEM group  
by Manufacturer0
```

Query 2

```
SELECT v_GS_COMPUTER_SYSTEM.Name0 AS 'Name',  
v_GS_COMPUTER_SYSTEM.Manufacturer0 AS 'Manufacturer',  
v_GS_COMPUTER_SYSTEM.Model0 AS 'Model'  
  
FROM v_GS_COMPUTER_SYSTEM v_GS_COMPUTER_SYSTEM  
  
WHERE (v_GS_COMPUTER_SYSTEM.Manufacturer0='Microsoft Corporation')
```

Query 3

```
SELECT v_GS_COMPUTER_SYSTEM.Name0 AS 'Name', v_GS_COMPUTER_SYSTEM.Domain0 AS  
'Domain', v_GS_COMPUTER_SYSTEM.Manufacturer0 AS 'Manufacturer',  
v_GS_COMPUTER_SYSTEM.Model0 AS 'Model',  
v_GS_COMPUTER_SYSTEM.PrimaryOwnerName0 AS 'Owner',  
v_GS_COMPUTER_SYSTEM.UserName0 AS 'User Name'  
  
FROM v_GS_COMPUTER_SYSTEM v_GS_COMPUTER_SYSTEM
```

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```
WHERE (v_GS_COMPUTER_SYSTEM.Name0='Computer Name')
```

This section of code produces no errors when compiled however when debugged it will produce a "Generic Failure" when the "oReport3.Save()" line is executed.

```
Dim oProvider As New SMSProvider(m_sSiteServer, m_sUsername, m_sPassword, "Setup Prog")
```

```
Dim oReport3 As SMSReport = oProvider.Reports.Create("Manufacturer ",  
"Company", "SELECT v_GS_COMPUTER_SYSTEM.Name0 AS 'Name',  
v_GS_COMPUTER_SYSTEM.Domain0 AS 'Domain', v_GS_COMPUTER_SYSTEM.Manufacturer0  
AS 'Manufacturer', v_GS_COMPUTER_SYSTEM.Model0 AS 'Model',  
v_GS_COMPUTER_SYSTEM.PrimaryOwnerName0 AS 'Owner',  
v_GS_COMPUTER_SYSTEM.UserName0 AS 'User Name'
```

```
FROM v_GS_COMPUTER_SYSTEM v_GS_COMPUTER_SYSTEM
```

```
WHERE (v_GS_COMPUTER_SYSTEM.Name0='Computer Name'))"
```

```
oReport3.DisplayInComputerDetails = True
```

```
oReport3.ComputerNameColumn = 1
```

```
oReport3.LinkType = ReportLinkTypes.LinkToComputerDetails
```

```
oReport3.Save()
```

```
i = oReport3.ReportID
```

The SDK is very light on details as to which options need to be set in order to allow drill throughs to work correctly.

My questions are?

1) Does anyone have any good examples on how to create drill through reports?

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- 2) Does anyone have an update to the SDK that list which options are need to allow drill through to work correctly?
- 3) Does anyone know what I'm doing wrong?