

RE: Problem when using DateDiff and slicing

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 - *Date:* Tue, 08 Apr 2008 13:15:56 GMT
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Hi Henrik,

The issue of your sample 3 was actually caused by the CurrentMember. Apparently the iteration should happen on Employee level, though you use the organization slice, actually the statistics are for all employees in the slice cells. For your requirement, it is not easy to implement if you do not create a new cube or a new measure group. The reason is that you are trying to perform an aggregation based on multiple dimension analysis, however you do not have matched measures in your underlying fact table. I recommend that you create a dynamic view in your database, for example, you can name it as FactEmployeeServiceLenView:

```
CREATE VIEW FactEmployeeServiceLenView
as
SELECT DimEmployee.EmployeeKey,
DimOrganization.OrganizationKey,DateDiff(year,DimEmployee.[HireDate],getdate(
)) as ServiceLength
FROM DimEmployee JOIN DimOrganization ON DimEmployee.OrgnizationKey =
DimOrganization .OrganizationKey
```

After that, create a new cube, add the view into your data source view, and the related dimensions DimEmployee and DimOrganization. After that, you can process and deploy the cube and run the MDX query as following:

```
SELECT [Measures].[Service Length] ON COLUMNS,
[Organization].[Organization] ON ROWS
FROM [The cube name]
```

If you do not want to create a new cube, you can also create a measure group to your existing cube. You still need to add the view to your data source view and define the relationships among the new measure group and the dimensions employee and organization on the Dimension Usage pane. After process and deploy your cube, you can run the same MDX query as the above statement.

If you have any other questions or concerns, please feel free to let me know. It is my pleasure to be of assistance.

Best regards,
Charles Wang
Microsoft Online Community Support

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