

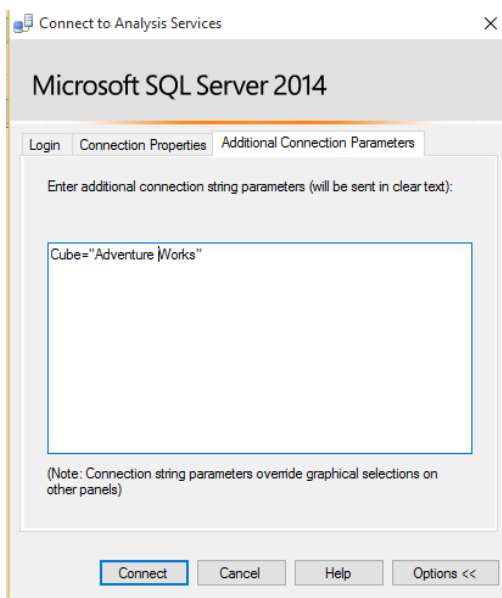
Did You Know You Can Use VBA Functions in MDX Scripts?

Before attempting to run the MDX statements that follow set your CurrentCube for the session.

Setting Your CurrentCube

In your MDX query window, right click and select **Connection** and then **Change Connection**.

Select the **Additional Connection Parameters** tab and set the **Cube** parameter as shown below (using your cube name instead of Adventure Works).



Change the Connection Properties to select the "Currentcube" to connect to:

Using VBA Functions in MDX Statements

Create a new measure using the VBA Abs function (Ignore sign):

```
WITH MEMBER [Customer].[Customer Geography].[RolledUpProductCost]
AS
    VBA!Abs(RollupChildren([Customer].[Customer Geography].[Country].[Australia], "-"))
SELECT [Measures].[Internet Sales Amount] ON 0,
    {[Customer].[Customer Geography].[Country].[Australia].Children,
    [Customer].[Customer Geography].[RolledUpProductCost]
    } ON 1
FROM [Adventure Works]
WHERE [Date].[Calendar].[Calendar Year].&[2006];
```

Create a new measure using the VBA Now function (Current date and time):

```
WITH MEMBER Measures.Now AS VBA!Now()
SELECT Measures.Now ON 0
FROM [Adventure Works];
```

Create a persistent measure using the VBA Now function:

```
CREATE MEMBER CurrentCube.Measures.Now AS VBA!Now();

SELECT Measures.Now ON 0
FROM [Adventure Works];
```