

## **Dynamic row and column calculation**

In EPM Excel add-in - BPC 10 version for Netweaver

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**OVERVIEW**

While creating reports in EPM Excel Add-in, a frequently requirement is to have totals at the end of column and / or row. This becomes tricky when there no of rows or columns in the report are dynamic. The purpose of this paper is to give some quick solution to get dynamic row or column totals.

**Scenario**

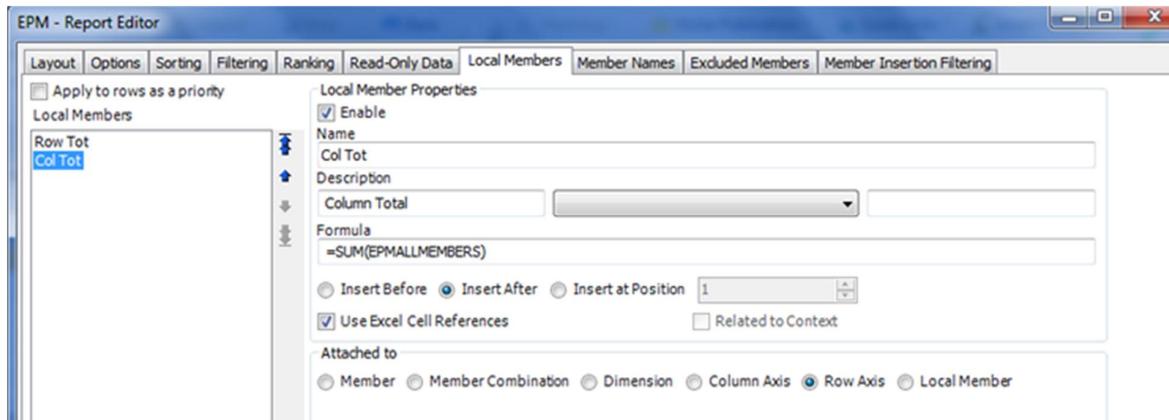
The report has the following layout. This dimension can be different in different scenario. Since data may exist for any number of Cost element and Cost center / Product combination, the last row / column is dynamic and hence its difficult to place a total.

| Cost Center         | Product | Cost element 1 | Cost element 2 | Cost element 3 | Cost element 4 | ..... | Row Total |
|---------------------|---------|----------------|----------------|----------------|----------------|-------|-----------|
| CC1                 | PD1     | 10001          | 10001          | 10001          | 10001          | ..... |           |
| CC2                 | PD2     | 20001          | 20001          | 20001          | 20001          | ..... |           |
| *                   |         |                |                |                |                |       |           |
| *                   |         |                |                |                |                |       |           |
|                     |         |                |                |                |                |       |           |
| <b>Column Total</b> |         |                |                |                |                |       |           |

This requirement can be handled by using local member formula EPMALLMEMBERS and EPMSELECTEDMEMBERS.

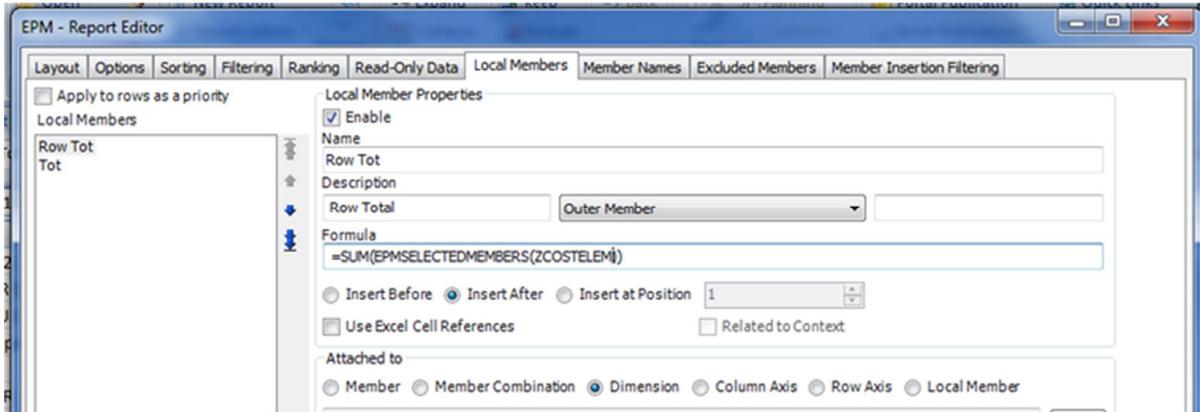
**Row Total**

EPMALLMEMBERS calculated the totals dynamically for more than one dimension that might be there. In the example scenario the column totals are for a combination of dimension Cost center and Product. The syntax for the same is given on snapshot below.



### Column Total

The other formula that can be used for dynamic totals calculation is EPMSELECTEDMEMBERS. This formula calculated the total for a specified dimension. In the example scenario it can be used for calculating row totals based on cost elements



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