

# PivotTableField.SummarizeBy

Introduced in build 8.4

## Description

Sets or returns the type of calculation used to summarize a data field. The available types are determined by [PivotTableField.SummarizeByType](#).

### C#

```
public SummarizeByType SummarizeBy{ get; set; }
```

### vb.net

```
Public Property SummarizeBy() As SummarizeByType
```

## Examples

### C#

```
ExcelApplication xla = new ExcelApplication();  
Workbook wb = xla.Open(@"C:\MySpreadsheet.xlsx");  
Worksheet ws = wb.Worksheets[0];  
DataField df = ws.PivotTables[0].DataFields[0];  
df.SummarizeBy = PivotTableField.SummarizeByType.Average;
```

### vb.net

```
Dim xla As New ExcelApplication()  
Dim wb As Workbook = xla.Open("C:\MySpreadsheet.xlsx")  
Dim ws As Worksheet = wb.Worksheets(0)  
Dim df As DataField = ws.PivotTables(0).DataFields(0)  
df.SummarizeBy = PivotTableField.SummarizebyType.Average
```

## Remarks

Data fields are set to 'SUM' by default for all data types.

This property cannot be set on values labels and such fields will return `SummarizeByType.Sum` by default. You can check if a `PivotTable` field is values label with the `IsValuesLabel` property