

# PivotTables.CreateConsolidatedPivotTable(IEnumerable<Area>, Int32, Int32)

Introduced in build 8.6.1

## Description

Creates a new PivotTable for multiple consolidated ranges. A PivotTable created by this method is part of [PivotTables](#) collection.

**C#**

```
public PivotTable CreateConsolidatedPivotTable(IEnumerable<Area> data, int row, int column)
```

**vb.net**

```
Public Function CreateConsolidatedPivotTable(ByVal data As IEnumerable (of Area),  
ByVal row As Integer, ByVal column As Integer) As PivotTable
```

## Parameters

### *data*

The data that is represented within the PivotTable.

### *aRow*

The 0-based number of the row of the upper left corner of the PivotTable.

### *aColumn*

The 0-based number of the column of the upper left corner of the PivotTable.

## Remarks

This constructor will create Row, Column, and Value as [?SourceFields](#). These [?SourceFields](#) will be created using the same algorithm that the Pivot Table Wizard in Excel uses to create Multiple Consolidation Pivot Tables.

## Examples

## C#

```
ExcelApplication xla = new ExcelApplication();
Workbook wb = xla.Open(@"C:\MySpreadsheet.xlsx");
Worksheet ws = wb.Worksheets[0];
List<Area> areas = new List<Area>();
Area data = ws.CreateArea(0, 0, 10, 10);
Area data2 = ws.CreateArea(12, 0, 5, 5);
areas.Add(data);
areas.Add(data2);
PivotTable pt = ws.PivotTables.CreateConsolidatedPivotTable(areas, 11, 11);
```

## vb.net

```
Dim xla As New ExcelApplication()
Dim wb As Workbook = xla.Open("C:\MySpreadsheet.xlsx")
Dim ws As Worksheet = wb.Worksheets(0)
Dim areas As New List(of Area)
Dim data As Area = ws.CreateArea(0, 0, 10, 10)
Dim data2 As Area = ws.CreateArea(0, 12, 5, 5)
areas.Add(data);
areas.Add(data2);
Dim pt As PivotTable = ws.PivotTables.CreatePivotTable(areas, 11, 11);
```