

# ItemsToRetain

Introduced in build 8.4

## Description

The ItemsToRetain class represents the number of items a PivotTable cache will retain even changes have been made to the data source.

### C#

```
public sealed class ItemsToRetain
```

### vb.net

```
Public NotInheritable Class ItemsToRetain
```

## Examples

### C#

```
ExcelApplication xla = new ExcelApplication();  
Workbook wb = xla.Open("template.xlsx");  
ItemsToRetain items = wb[0].PivotTables[0].PivotTableSettings.ItemsToRetain;
```

### vb.net

```
Dim xla As New ExcelApplication()  
Dim wb As Workbook = xla.Open("template.xlsx")  
Dim items As ItemsToRetain =  
wb(0).PivotTables(0).PivotTableSettings.ItemsToRetain;
```

## Remarks

Setting [PivotTableSettings.ItemsToRetain](#) is the same as going to *PivotTable Options > Data > Retain items deleted from the data source* and setting *Number of items to retain per field* to **Automatic**, **Max**, **None**, or a different integer value.

## Fields

Name	Description
<a href="#">Automatic</a>	ItemsToRetain's value for automatic.
<a href="#">None</a>	ItemsToRetain's value for none.

# Properties

Name	Description
Max	Returns the maximum number of items the PivotTable's cache can support.
Value	Sets or Returns the current number of items the PivotTable's cache is set to retain.