

# How to Use Data Binding Properties

## Introduction

The `DataBindingProperties` allows customization of how data is imported by `PowerPointTemplate`.

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## Definition

The `DataBindingProperties` object controls how data is bound when the `BindData` method is called. `DataBindingProperties` can control the max rows of data per slide, the max total rows of data imported, and the slide to which the data is bound. The `BindData` method requires a `DataBindingProperties` object as a parameter. Use the following line of code to create a new `DataBindingProperties` object.

```
DataBindingProperties dataProps = pptt.CreateDataBindingProperties();
```

## MaxRowsPerSlide

`MaxRowsPerSlide` controls how many of rows of data should be imported onto each slide.

```
//Setting MaxRowsPerSlide  
dataProps.MaxRowsPerSlide = 5;
```

### Using MaxRowsPerSlide to fit data on multiple slides

When this property is set, `PowerPointWriter` will stop importing data when the limit is reached. In order to import all the data in a data source to your presentation, `MaxRowsPerSlide` should be used with the `_Continue_` modifier. The default value is -1 which indicates that all the data in the data source should be imported to a single slide. For more information see [Importing Multiple Rows of Data](#) and [Fitting Data on to Multiple Slides](#).

## MaxRowstoImport

`MaxRowstoImport` determines how many total rows of data to import into a presentation. `PowerPointWriter` will stop importing data from the data source when this limit is reached. The default value is -1 which indicates that data will continue to be imported until the end of the data source is reached.

```
//Setting MaxRowstoImport  
dataProps.MaxRowstoImport = 10;
```

### Importing a single row of data with MaxRowstoImport

Setting `MaxRowstoImport` = 1 will import a single row of data from a data set with multiple rows. For more information see [Importing a Single Row of Data](#).

# Slide

[Slide](#) controls which slide in a presentation a given data source should be imported into. Slide can be set to the 0-based index of the slide you wish to import data to. The default value is -1 which indicates that the data is not scoped to a particular slide.

```
dataProps.Slide = 2;
```

## Using Slide with Slides.CopySlide

Slide allows for data markers across the presentation to have the same name but import from different data sources. When used with the [PowerPointApplication](#) method, [Slides.CopySlide\(PowerPointWriter.Slide, Int\)](#), it is easy to programmatically create and populate multiple slides with the same layout.

See the [CopySlide](#) sample for an example of using the Slide [DataBindingProperty](#) with [Slides.CopySlide](#).