

# PowerPointTemplate.BindData(System.Object(), String(), String, PowerPointWriter.DataBindingProperties)

## Description

Sets a rectangular array of objects as a template data source.

### C#

```
public void BindData(System.Object[,] arrayData, System.String[] columnNames,
System.String dataSourceName, DataBindingProperties property)
```

### vb.net

```
Public Sub BindData(ByVal arrayData As Object(), ByVal columnNames As String(), ByVal
dataSourceName As String, ByVal [property] As DataBindingProperties)
```

## Parameters

### *arrayData*

A rectangular array of objects to use as the data source. By default, the first dimension corresponds to row and the second to column (that is, Object[row,column]).

### *columnNames*

The names of the columns to get from the data source. If the `columnNames` parameter is null, field binding can only be performed by ordinal (for example, `%%=DSN.#1` or `%%=$DSN`). If `columnNames` is specified, both ordinal field binding and named field binding can be used.

### *dataSourceName*

The name of the set of data markers at which to insert the values imported from the data source.

### *property*

The [DataBindingProperties](#) object which contains information about how the data should be bound to the template.

### *property*

The [DataBindingProperties](#) object which contains information about how the data should be bound to the template. `property` Must be specified, but the `DataBindingProperties` need not be set beforehand. To bind data to a template with the default `DataBindingProperties`, pass in `PowerPointTemplate.CreateDataBindingProperties()` as the `property` value.

## Exceptions

### *ArgumentNullException*

`BindData` will throw this exception if null (C#) or Nothing (VB.NET) is passed to the method.

### *ArgumentException*

## Examples

### C#

```
PowerPointTemplate pptt = new PowerPointTemplate();
pptt.Open(Page.MapPath("./ArrayBindingTemplate2.xls"));

//--- Create an array of names and an array of data
//--- source values and bind the data source to the
//--- template data markers
//--- %=TwoDimArray.FirstName
//--- %=TwoDimArray.LastName
//--- %=TwoDimArray.Position
string[,] twoDimNormal = {
    {"Nancy", "Davolio", "Sales Manager"},
    {"Michael", "Suyama", "HR Representative"},
    {"Adrian", "King", "IS Support"}
};
string[] names = {"FirstName", "LastName", "Position"};
pptt.BindData(twoDimNormal,
    names,
    "TwoDimArray",
    pptt.CreateDataBindingProperties());
```

### VB

```
Dim pptt As New PowerPointTemplate()
pptt.Open(Page.MapPath("./ArrayBindingTemplate2.xls"))

'--- Create an array of names and an array of data
'--- source values and bind the data source to the
'--- template data markers
'--- %=TwoDimArray.FirstName
'--- %=TwoDimArray.LastName
'--- %=TwoDimArray.Position
Dim twoDimNormal(,) As String = New String(,){ _
    {"Nancy", "Davolio", "Sales Manager"}, _
    {"Michael", "Suyama", "HR Representative"}, _
    {"Adrian", "King", "IS Support"}}
Dim names As String() = {"FirstName", "LastName", "Position"}
pptt.BindData(twoDimNormal, _
    names, _
    "TwoDimArray", _
    pptt.CreateDataBindingProperties())
```