

# PowerPointApplication

## Description

[PowerPointApplication](#) is the main class for pure code-based presentation generation (for information about template-based presentation generation, see [PowerPointTemplate](#)). A single instance of `PowerPointApplication` can generate multiple workbooks.

### C#

```
public class PowerPointApplication
```

### vb.net

```
Public Class PowerPointApplication
```

## Remarks

A generated presentation is represented by the [Presentation](#) class.

To create an instance of `PowerPointApplication`:

In C#:

- Import `PowerPointApplication` to the C# page:

```
using SoftArtisans.OfficeWriter.PowerPointWriter;
```

- Create a `PowerPointApplication` object:

```
PowerPointApplication ppta = new PowerPointApplication();
```

In VB.NET:

- Import `PowerPointApplication` to the VB.NET page:

```
Imports SoftArtisans.OfficeWriter.PowerPointWriter
```

- Create a `PowerPointApplication` object:

```
Dim ppta As New PowerPointApplication()
```

## Examples

## C#

```
PowerPointApplication ppta = new PowerPointApplication();  
    Presentation pres = ppta.Create(PowerPointWriter.FileFormat.Pptx);  
    DocumentProperties docProps = pres.DocumentProperties;
```

## vb.net

```
Dim ppta As New PowerPointApplication()  
    Dim pres As Presentation = ppta.Create(PowerPointWriter.FileFormat.Pptx)  
    Dim docProps = pres.DocumentProperties
```

## Methods

Create(FileFormat)	Creates a new presentation containing 1 slide, in the specified file format. The slide is blank when the presentation is created, and standard font, style, and format settings are applied.
PowerPointApplication	<a href="#">PowerPointApplication</a> is the main class for pure code-based presentation generation (for information about template-based presentation generation, see <a href="#">PowerPointTemplate</a> ). A single instance of <a href="#">PowerPointApplication</a> can generate multiple workbooks.
Open(PowerPointTemplate)	Opens a presentation form a PowerPoint Template.
Open(String)	Opens the template file from the specified disk location.
Open(System.IO.Stream)	Opens the template file from a stream.
Save(Presentation, String)	Saves a specified <a href="#">Presentation</a> as a OOXML format.pptx.
Save(Presentation, System.IO.Stream)	Saves a specified <a href="#">Presentation</a> an OOXML format .pptx file.
Save(Presentation, System.Web.HttpResponse, Boolean, String)	The page <a href="#">PowerPointApplication.Save(PowerPointWriter.Presentation, System.Web.HttpResponse, Boolean, String)</a> could not be found.
Save(Presentation, System.Web.HttpResponse, Boolean)	The page <a href="#">PowerPointApplication.Save(PowerPointWriter.Presentation, System.Web.HttpResponse, Boolean)</a> could not be found.

## Nested Classes

Name	Description
<a href="#">FileFormat</a>	When creating PowerPoint files with <a href="#">Create</a> , specifies which file format to use.