

Certificate Slide Deck

Description

This sample demonstrates how to use PowerPointWriter to programatically create Certificates of Completion for a group of students.

The Data

Our Excel file contains the names of the students who are receiving a certificate.

	A	B	C	D	E	F
1	GivenName	MiddleInitial	Surname		Imported Names	
2	Noemi	H	Paulson		Noemi H. Paulson	
3	Laura	R	Pyles		Laura R. Pyles	
4	Mildred	C	Cassette		Mildred C. Cassette	
5	Dominic	C	Perkins		Dominic C. Perkins	
6	Marcie	C	Fenske		Marcie C. Fenske	
7	Ernest	L	Hanlon		Ernest L. Hanlon	
8	Betty	R	Gibson		Betty R. Gibson	
9	Derick	E	Hayden		Derick E. Hayden	
10	Ron	M	McCowan		Ron M. McCowan	
11	Lawrence	P	Nichols		Lawrence P. Nichols	
12	Fran	J	Benavides		Fran J. Benavides	
13	Carmine	D	Barron		Carmine D. Barron	
14	Kraig	P	Brown		Kraig P. Brown	
15	Gregory	E	Moore		Gregory E. Moore	
16	Jerome	H	Hunsaker		Jerome H. Hunsaker	
17	Sarah	R	McIntosh		Sarah R. McIntosh	
18	Alvin	V	Parker		Alvin V. Parker	
19	Courtney	W	Stein		Courtney W. Stein	

The Template

Our template presentation has a single slide that will be repeated for each student.



h3. The Code

The code below creates a data table containing some of the names of the students. It then binds the names and information about the course to the presentation. See [Extracting Data from Excel](#) to learn how to extract data directly from the Excel spreadsheet.

```

public void CreateCertificates()
{
    using (PowerPointTemplate ppt = new PowerPointTemplate())
    {
        ppt.RemoveExtraDataMarkers = true;
        ppt.Open(@"C:..\..\inputs\CertificateTemplate.pptx");
        //Certificate data
        string[] colNames = {"Course", "Date", "InstructorSignature", "InstructorName"};
        object[] values = {"PowerPointWriter Training Program", "March 1, 2015",
            System.IO.File.ReadAllBytes(@"C:..\..\inputs\InstructorSignature.png"), "Aileen J. Grossman"};
    };
    ppt.BindData(values, colNames, "Certificate", ppt.CreateDataBindingProperties());
    //Student names (to repeat)
    DataTable studentdt = new DataTable();
    studentdt.Columns.Add("Name");
    studentdt.Rows.Add(new object[] {"Noemi H. Paulson"});
    studentdt.Rows.Add(new object[] {"Laura R. Pyles"});
    studentdt.Rows.Add(new object[] {"Mildred C. Cassette"});
    studentdt.Rows.Add(new object[] {"Dominic C. Perkins"});
    studentdt.Rows.Add(new object[] {"Marcie C. Fenske"});
    studentdt.Rows.Add(new object[] {"Ernest L. Hanlon"});
    studentdt.Rows.Add(new object[] {"Betty R. Gibson"});
    studentdt.Rows.Add(new object[] {"Derick E. Hayden"});
    studentdt.Rows.Add(new object[] {"Ron M. McCowan"});
    studentdt.Rows.Add(new object[] {"Lawrence P. Nichols"});
    DataBindingProperties dataProps = ppt.CreateDataBindingProperties();
    dataProps.MaxRowsPerSlide = 1;
    ppt.BindData(studentdt, "Students", dataProps);
    ppt.Process();
    ppt.Save(@"C:..\..\outputs\CertificatesOut.pptx");
}
}

```

Result

The resulting output shows all the data from the Excel spreadsheet in a PowerPoint presentation table.

Certificate of Completion

This document is to certify that

Noemi H. Paulson

has successfully completed the PowerPointWriter Training Program
on

March 1, 2015



Aileen J. Grossman

Aileen J. Grossman
PowerPointWriter Training Program Instructor
SoftArtisans, Inc.

Downloads

- * Image: [InstructorSignature.png](#)
- * Template: [CertificateTemplate.pptx](#)
- * Sample output: [CertificatesOut.pptx](#)