

Form Letter Demo

Intro

Generate a form letter with WordTemplate.

This demo's template document is in the format of a standard form letter. The recipient and author information is inserted into the document dynamically. You could also write the letter text and image into the document using WordTemplate.

Code

A large, empty rectangular box with a thin black border, occupying the lower half of the page. It is intended for displaying code related to the 'Form Letter Demo'.

```

public class FormLetterGenerator
{
    private string recipName, recipStreetAddr, recipCity,
        recipState, recipZip, authName, authTitle;
    /// <summary>
    /// Build the report with WordTemplate
    /// </summary>
    public void GenerateDocument()
    {
        //Information:
        this.recipName = "Jon Smith";
        this.recipStreetAddr = "123 Main Street";
        this.recipCity = "Springfield";
        this.recipState = "CO";
        this.recipZip = "05555";
        this.authName = "Sarah White";
        this.authTitle = "CEO";

        // Form the required WordWriter name array. The elements
        // in this array correspond to the names of the
        // merge fields in the template, and each element's array
        // index should correspond to an element in the value array

        string[] arrNames = {"RecipientName", "RecipientStreetAddr",
"RecipientCity",
                                "RecipientState", "RecipientZip", "AuthorName",
"AuthorTitle"};

        // The value array. The value of the elements in this array
        // contain info supplied in the web form. These values
        // represent the data that will be dynamically populated
        // in the template file.

        object[] arrValues = {recipName, recipStreetAddr, recipCity,
                                recipState, recipZip, authName, authTitle};

        // Create the WordTemplate object
        WordTemplate wt = new WordTemplate();

        // Open the template document
        string templatePath = @"..\..\WordTemplateFiles\FormLetterTemplate.docx";
        wt.Open(templatePath);

        // Set the datasource with the name and value arrays defined above
        wt.SetDataSource(arrValues, arrNames);

        // Process the template
        wt.Process();
        //Save the document in the desired location
        wt.Save(@"..\..\WordOutputFiles\FormLetter_output.docx");
    }
}

```

Downloads

Template: FormLetterTemplate.docx

Output: FormLetter_output.docx