

# Fax Sheet Cover

## Intro

A fax cover sheet with recipient and sender information, created by WordTemplate.

The template document is a formatted fax cover form with merge fields for every string, bool or int in the code.

## Code

```
public class FaxCoverGenerator
{
    private string toName, fromName, company, faxNumber, phoneNumber, subject,
comments;
    private int pageCount;
    private bool isUrgent, isForReview, isCommentRequested;

    /// <summary>
    /// Build the report with WordTemplate
    /// </summary>
    public void GenerateDocument()
    {
        //Desired values for the cover sheet:
        this.toName = "Jon Smith";
        this.fromName = "Robert Jones";
        this.company = "SoftArtisans";
        this.faxNumber = "(123)-456-7890";
        this.phoneNumber = "(123)-555-5555";
        this.subject = "Sales Report";
        this.comments = "Attached is the sales report.";
        this.isUrgent = true;
        this.isForReview = true;
        this.isCommentRequested = true;
        this.pageCount = 10;

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

        string[] arrNames = {"ToName", "FromName", "Company", "FaxNumber",
"PhoneNumber",
                                "Subject", "PageCount", "Comments", "ChkUrgent",
"ChkReview", "ChkComment"};

        // 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 = {this.toName, this.fromName, this.company,
this.faxNumber, this.phoneNumber,
```

```
        this.subject, this.pageCount, this.comments,  
        this.isUrgent?"X":"", this.isForReview?"X":"",  
this.isCommentRequested?"X":""};
```

```
    // Create the WordTemplate object  
    WordTemplate wt = new WordTemplate();  
  
    // Open the template document.  
    string templatePath = @"..\..\WordTemplateFiles\FaxCoverTemplate.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  
    wt.Save(@"..\..\WordOutputFiles\FaxCover_output.docx");
```

}

## Downloads

**Template:** FaxCoverTemplate.docx

**Output:** FaxCover\_output.docx