

# Samples

Each WordWriter code sample includes basic code that covers a specific scenario, along with necessary input files and a sample output file for comparison. These are intended to be quick examples of how to use the product. To learn how to use WordWriter, please see our [Tutorials](#).

## WordTemplate Samples

### Basic String Datasource

This is a basic demo that inserts data into a template document that has two merge fields.

### Business Envelopes

Dynamically create a standard business-style #10 envelope with WordTemplate.

### Calendar Sample

Create a calendar document for any month/year combination.

### Fax Sheet Cover

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

### Form Letter Demo

Generate a form letter with WordTemplate.

### Insert Image Demo

WordTemplate can insert images from byte arrays or ADO.NET objects into your Word documents.

### Mailing Labels Demo

This demo reads customer data from a database and creates standard-sized 5160 mailing labels. Put some label paper into your printer and see for yourself!

### Mail Merge Demo

Emulate a Word mail merge using WordTemplate. A document will be created with each recipient's letter on a new page. Take care of all of your mail merge production with one print job.

### Nested Mail Merge Demo

Emulate a Word mail merge using WordTemplate, featuring new nested repeat block technology. A document will be created with each recipient's letter on a new page, complete with a nested table of orders. Take care of all of your mail merge production with one print job.

### Nested Product Catalog Demo

Use the new features of the WordTemplate object to create feature-rich reports that were previously only possible with many lines of code. This sample uses nested repeat blocks to produce a report very much like the Word Application Product Catalog.

### Purchase Order Demo

A generic purchase order document with a header section and an expanding Word table for detail rows.

### WordWriter Formulas

This demo illustrates some of the formulas available for WordTemplate in OfficeWriter 4.1 and above.

## WordApplication Samples

### Form Letter Formatting

Generate a form letter with WordTemplate, then pass it to WordApplication to have formatting applied based on the user's selections.

### Merge Documents

WordWriter allows you to insert elements from separate documents. You can use this functionality to copy/paste document elements into different files, or to easily merge Word documents. This sample demonstrates how to merge three different Word documents into one unified document.

### Product Catalog Sample

An AdventureWorks Product Catalog with formatting, tables, lists, nested data, and images.

### Sales Report Sample

Demonstrates usage of the WordApplication and WordTemplate objects together. Generates a nested-data sales report from AdventureWorks data.

### Search and Replace

Demonstrates how to use regular expressions with WordWriter to easily search and replace text.

### Setting a Watermark

Dynamically place custom watermarks on a Word document using the WordApplication object.