

# OfficeWriter 4 Change Log

Below is a list of added features and bug fixes that are incorporated for each minor build of OfficeWriter 4.x.

## OfficeWriter 4.6.1

*Released July 5, 2011*

### ExcelWriter 7.6.1

#### Features Added

- ExcelApplication is now 20% faster and requires 20% less memory

#### Issues Resolved

- Specific formula caused "Unreadable Content" error in XLSX file processed by ExcelTemplate in SSRS
- ExcelWriter would return the wrong default character width for Calibri - size 11
- ExcelApplication threw an exception when parsing some SSRS 2008 generated Excel files
- Chart text was not properly set to "Automatic" by default
- Data Series in charts were sometimes not sequenced correctly
- GetHeader and GetFooter threw NullReferenceException when called on newly created worksheets

### WordWriter 4.6.1

*There were no changes made for 4.6.1.*

### Reporting Services Integration 4.6.1

#### Issues Resolved

- Specific formula caused "Unreadable Content" error in XLSX file processed by ExcelTemplate in SSRS
- Opening an RDL in the OfficeWriter Designer threw a "Type Mismatch" error with certain regional settings

## OfficeWriter 4.6.0

*Released April 4, 2011*

### ExcelWriter 7.6.0

#### Features Added

- Data markers in Pivot Table cells are no longer processed explicitly (with data being brought in) or implicitly (with blank rows added to the sheet), as described in the new [EWTemplates and Pivot Tables \(deprecated\)](#) page
  - Pivot Table templates no longer require dummy data
  - Pivot Table templates no longer require edit copies set not to refresh on open
  - Shapes and Charts can be placed beside Pivot Tables
- Sparklines now preserved in Excel 2010 created file when processed by ExcelTemplate

#### Issues Resolved

- ExcelTemplate threw an error on Excel 2010-created files with Excel 2003-format pivot tables
- Shapes such as charts stretched when placed next to pivot tables that were filled using ExcelTemplate
- ExcelWriter generated files no longer open in protected mode in Excel 2010

## WordWriter 4.6.0

### Features Added

- Since the WordTemplate COM-callable wrapper is no longer installed, WordWriter is no longer installed in the Global Assembly Cache (GAC).

### Issues resolved

- Some files processed by WordTemplate, then WordApplication, caused errors when opened in Word 2010
- WordWriter threw an error when repeat blocks were in tables in templates created using Word 2010

## Reporting Services Integration 4.6.0

### Issues Resolved

- Reporting Services 2008 R2 formulas did not work in OfficeWriter Reporting Services integration for Word
- OfficeWriter Designer did not read Reporting Services 2008 formulas from the RDL files

## Installer

### Features Added

- ExcelWriter COM and the WordTemplate COM-callable wrapper are no longer automatically installed during the OfficeWriter installation process. Bits are available upon request.

## OfficeWriter 4.5.1

*Released January 25, 2011*

## ExcelWriter 7.5.1

### Features Added

- ExcelWriter can now insert images into headers and footers using the new [HeaderFooterPicture](#) object.
- The new [HeaderFooterSection](#) object allows greater control over headers and footers
- The new [EWChartFillPattern](#) (no attachments) class provides values for all Excel 2003 patterns
- The new [SeriesDataLabel.DataLabelPlacement](#) property allows you to explicitly set the location of the data label on each data point in a Series using the [DataLabelPlacementType](#) enum

### Issues Resolved

- Issues with PivotCharts in ExcelTemplate
  - PivotCharts missing data in ExcelTemplate reports when streamed to client
  - PivotCharts lose series formatting in OOXML (Excel 2007) file format
- ExcelTemplate did not work with template files created in Excel 2010
- ExcelTemplate did not throw an error if file format limits on the number of characters in a cell were exceeded.
- Processing certain files with comments using ExcelTemplate created a corrupt file
- Calling [ExcelTemplate.Process\(\)](#) on files where certain formulas threw an "Unrecognizable symbol" exception.
- ExcelApplication did not throw an error if file format limits on the number of characters in a cell were exceeded.
- Horizontal page breaks could not be inserted on worksheets created using [Worksheets.CopySheet](#)
- [PageSetup](#) attributes were not applied to worksheets created using [Worksheets.CopySheet](#)
- Merging some spreadsheets created using Crystal Reports resulted in a corrupt workbook.
- A number of Charting API issues in ExcelApplication
  - Setting [Series.Label.ContainsValue](#) broke formatting
  - Setting [DataPoint.Interior.Pattern](#) corrupted some files
  - Data Labels set in code not visible in Excel 2003
  - Picture chart fills cause an exception to be thrown when patterns are read
  - ExcelApplication fails to parse Legend visibility correctly
  - Some files were corrupted when a Series was removed from a [SeriesCollection](#)

- Setting a `CategoryData` formula to a multi-column range threw an invalid formula exception
- `ColumnProperties.AutoFitWidth()` entered an infinite loop on columns with certain `NumberFormat` settings
- `Cell.Formula` threw an exception when attempting to read a formula referencing an external workbook using `VLookup`
- Some files generated with `ExcelTemplate` created corrupt files when opened and saved in `ExcelApplication`

## WordWriter 4.5.1

### Issues Resolved

- `WordTemplate` created a corrupted file when processing two IF fields
- `WordTemplate` threw an exception or produced a corrupt file when processing a template with IF fields containing other fields
- Merging a document with a programmatically-created table into another document threw an index out of bounds exception
- After replacing an object in a header or footer using `Element.SearchAndReplace`, the next call to `SearchAndReplace()` threw a `WordWriterException`
- `Watermark` object can now access watermarks in input files
- `Watermark` was not able to insert new watermarks
- Setting some table styles using `WordApplication` caused formatting issues and corrupted tables
- Merging two documents using `Document.Append` caused corrupted output in some cases
- Opening and saving a file created using a non-English version of Word caused formatting issues

## Reporting Services Integration 4.5.1

### Features Added

- `OfficeWriter Designer` now supports reports built using `Report Builder 3.0`

### Issues Resolved

- Reporting Services reports created with the `OfficeWriter Designer` broke reports when an Oracle data source was used.

## Installer

### Issues Resolved

- License Key Manager threw error when being run on a machine with no SoftArtisans license keys in the registry.

## OfficeWriter 4.5.0

*Released September 21, 2010*

## ExcelWriter 7.5.0

### Features Added

- `ExcelWriter SharePoint Integration`
  - `ExcelWriter` can now use SharePoint Lists and Views as data sources
  - `ExcelWriter` can now output spreadsheets to Document Libraries or as List Item attachments
- `Cell.SetAddInFormula` method

### Issues Resolved

- `ExcelTemplate` can now process files created using Microsoft's OOXML SDK
  - `Process` method no longer throws exception when processing a worksheet copied using Microsoft's OOXML SDK
  - `Process` method no longer throws exception when processing a workbook with a large number of worksheets copied using Microsoft's OOXML SDK
- Issues with deleting worksheets in workbooks
  - Deleting a Worksheet in a Workbook with Worksheet-level named ranges no longer corrupts the output spreadsheet
  - Deleting a Worksheet in a Workbook with Workbook-level named ranges no longer throws an "Unable to parse formula" exception when `Save` is called

- Calling [PageSetup.SetPrintTitleRows](#) or [PageSetup.SetPrintTitleColumns](#) on the last sheet of a workbook, then deleting the worksheet no longer throws exception on Save
- Improved Grouping and Nesting Support
  - Headers and Footers are no longer printed when the data source is empty
  - [Data marker modifiers](#) now also work on %%value() markers
  - Merged cells are now preserved in spreadsheets with Grouping and Nesting
  - Conditional formatting copied from a header or footer to a data marker row using paste special -> formats is now preserved
  - Shared formulas in headers or footers are changed to equivalent regular formulas, rather than causing a corrupt output spreadsheet
- [ExcelTemplate.Process\(\)](#) issues with some templates
  - Process no longer fails on a small number of template files that had previously caused it to fail
  - Process no longer throws a "Cannot find last DBCELL record" after being first opened in ExcelApplication
  - Process no longer throws a "Sheet was not in expected location" error after being first opened in ExcelApplication
- [Shape.FillTransparency](#) no longer inverts its value
- Cell values on sheets created using [Worksheets.CopySheet](#) no longer reference incorrect values
- Calling [ColumnProperties.AutoFitWidth\(\)](#) on a column with a custom [NumberFormat](#) no longer causes an Out of Memory exception
- R1C1-style formulas no longer cause an "Unable to parse formula" exception
- Improved ability to handle spreadsheets generated by Crystal Reports
  - ExcelWriter can now open some files generated by Crystal Reports that had previously been impossible to open
  - Small bmp files can now be copied from Excel spreadsheets generated through Crystal Reports

## WordWriter 4.5.0

### Features Added

- [WordWriter SharePoint Integration](#)
  - WordWriter can now use SharePoint Lists and Views as data sources
  - WordWriter can now save documents as Document Library items or List Item attachments
- New [WordTemplate.SaveExtension](#) property returns the extension of the template file that has been opened
- New [Document.Append](#) method appends one Document to another, preserving all Sections, including header and footers plus other section formatting
- WordWriter now supports [Grouping and Nesting](#) with the WordTemplate object

### Issues resolved

- Improved WordTemplate support for Open Office XML format
  - Newline characters now handled correctly by [WordTemplate](#) in the Open Office XML file format
  - Support for all Open Office XML file extensions (.docm, .dotx, and .dotm all are now supported)
- Deleting table rows containing merge fields within a bookmark no longer damages the bookmark, allowing the template to populate without corrupting the output document
- Binding an empty DataTable to a template using [WordTemplate.SetRepeatBlock](#) no longer throws an exception, but instead removes bookmark
- Inserting content into a header with field no longer causes a corrupt document
- Custom styles preserved when two [Document](#) objects are merged using the [Document.InsertAfter](#) method
- Word documents with images with text wrapping settings other than "Inline with Text" no longer corrupted when opened and saved using WordApplication
- Setting [TableFormatting.AutoWidth](#) to true no longer fails to have any effect; columns set to Auto using [Table.SetPreferredColumnWidth Units](#) will now have their widths automatically calculated

## Reporting Services Integration 4.5.0

*No changes were made for 4.5.0*

## OfficeWriter 4.1.0

*Released November 30, 2009*

## ExcelWriter 7.1.0

### Features Added

- ExcelTemplate can process files created with Microsoft's Office Open XML (OOXML) SDK
- Nesting and grouping formatting enabled for OOXML files. For more information, see [Creating Data Markers](#)

## Issues Resolved

- Compiler error thrown while using ChartType enumeration in Visual Studio 2008
- Several issues addressed regarding support for files created by the native Excel renderer from SQL Server Reporting Services 2008
  - Accessing worksheets threw object reference exceptions
  - Creating a chart and adding a series corrupted the output file
  - Adding or removing rows or columns, copying worksheets, or creating a named range threw an internal casting exception
  - Creating a range from one or more areas threw a parser exception
  - Accessing or changing colors in the Palette threw Invalid Color Index exception
- Several issues addressed regarding support for files created by the native Excel renderer from SQL Server Reporting Services 2005
  - Missing shared string table from some spreadsheets threw Object Reference exception
  - ColumnProperty.ApplyStyle() failed to get Style interface unless Worksheet.PopulatedCells was first accessed
- ExcelWriter did not process three-letter columns correctly when referencing cells, for example "AAA4"
- AutoFitWidth threw IndexOutOfBoundsException exception for column with formula formatted as number
- Calling ApplyStyle() or SetStyle() on a ColumnProperties object referencing a column with a formula in it threw an Object Reference exception
- Setting CharacterRun.Font properties for more than 586 cells corrupted the file
- Setting CORREL function with Application object displayed "#VALUE" until user clicked on the cell
- ExcelTemplate.ExcludeMacros property now available when working with OOXML files
- Strings that looked like data markers after a formula is evaluated were treated like data markers
- The wrong content-type header was being sent when streaming OOXML files to the user, causing some browsers to treat them as BIFF8 (.xls) files
- ExcelTemplate no longer inserts a 0 for Null values brought into an OOXML template using a DataReader

## WordWriter 4.1.0

### Features Added

- WordTemplate can evaluate formulas for Word 2007 OOXML file format files (.docx/.docm). For more information, see [Creating Merge Fields](#)

### Issues Resolved

- Deleting an element in a table made in Word 2007 corrupted the output document in some cases
- Deleting a row in a table also deleted the value in the first cell of the next row
- In some cases documents with embedded images threw Out of Memory exceptions
- Calling Document.Search() on a document with an empty field threw a stack overflow exception
- Inserting many images with WordTemplate caused some images not to display

## Reporting Services Integration 4.1.0

### Issues resolved

- OfficeWriter Designer threw an error when attempting to publish a 2008 RDL with a Report Global embedded using the Insert Formula button
- OfficeWriter Designer threw data source exception when a query was associated with a row in a table in a Word Document
- OfficeWriter Designer did not allow exporting Excel 2007 files with macros as RDLs
- OfficeWriter Designer's RDL parser threw an Unknown Exception for report model data sources with field names containing fewer than 5 characters

## OfficeWriter 4.0.0

*Released June 3, 2009*

## ExcelWriter 7.0.0

### Features Added

- ExcelWriter is written in pure C# .NET and no longer has a dependency on the J# runtime
- ExcelTemplate supports Excel 2007 OpenXML (OOXML) files with .xlsx, .xlsm, .xltx, and .xltm extensions
- Support for creating and viewing ExcelWriter files in Excel 2007

- Ability to iterate over all named ranges in a worksheet or workbook
- New [Shape.FillTransparency](#) property added
- Ability to bind data to an individual worksheet with the [DataBindingProperties](#) object
- Support for unicode in data markers
- New Cell.GetTextHeight and GetTextWidth methods for autofitting merged cells
- New InsertRows() and InsertColumns() methods
- Performance improvements:
  - ExcelTemplate + ExcelApplication
    1. Processes binary (XLS) files up to 50% faster
    2. Blank cell optimizations results in 400% improvement in speed and memory usage when using ExcelTemplate and ExcelApplication together
  - ExcelTemplate
    1. Formulas are processed up to twice as fast
    2. Reduced memory usage
    3. Ability to bind data only to a specific worksheet
  - ExcelApplication
    1. Faster algorithm for style optimization
    2. Improved performance when opening existing files and setting column widths
    3. Formulas can be inserted up to 8 times faster and improved performance for the formula parser
    4. Improved autofit algorithm

## WordWriter 4.0.0

### Featured Added

- Support for Office Open XML (OOXML) files in WordTemplate with .docx, docm, dotx, dotm file extensions
- Support for creating and viewing files in Word 2007 including:
  - Support for new themes, styles, table formatting options, hapes, charts, and diagrams
- Written in pure #C .NET and no longer depends on J# runtime
- Ability to evaluate IF fields
- New EnableNextFields property
- New SetMailMerge functionality to mimic Microsoft Word mail merge
- Improvements to performance
  - WordTemplate uses 40x less memory with OOXML files when processing large files or importing large amounts of data
  - WordTemplate is 35% when processing large binary (DOC) files
  - WordApplication is up to 6x faster when processing binary files
- HTMLtoWord open source project for importing HTML into WordWriter documents

## Reporting Services Integration 4.0.0

### Features Added

- **Full SQL Server Reporting Services 2008 support**  
The OfficeWriter Designer now supports the embedding of Excel and Word within reports for SQL Server Reporting Services 2008.
- **Add real Excel and Word to reports designed in Visual Studio 2008**  
The OfficeWriter Designer also now supports reports designed in Visual Studio 2008 and Report Builder 2.0, allowing the addition of Excel and Word versions to an existing report.
- **Office Open XML Format support**  
In SoftArtisans OfficeWriter version 4, the Office Open XML format (.docx and .xlsx; .docm and .xlsm) is now supported.
- **Significant performance improvements**  
Improvements with memory efficiency in underlying ExcelWriter and WordWriter DLLs can lead to significant performance gains
- **Unicode Field Names in Data Markers**  
Data markers can now include any Unicode character except brackets [] and braces {}
- **Unicode Data Source Names with Excel Reports**  
Excel reports now accept any Unicode character in data source names