



# **WebWorks Test Document**

**Version 3.12**

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# Contents

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<b>1. Microsoft Word Styles.....</b>	<b>1</b>
Semantic Style Usage.....	1
Style Examples .....	2
Paragraph Styles.....	2
Frontmatter Styles.....	3
Heading Styles.....	3
Body Text Style .....	4
List Styles.....	4
Note Styles.....	6
Definition Styles .....	7
Code Styles.....	7
Graphics.....	8
Tables .....	10
Spacers.....	11
Story Styles.....	12
Backmatter Styles .....	12
Character Styles.....	12
Cross References .....	12
Other Character Styles .....	13
Override Formats .....	13
Direct Formatting.....	14
Direct Paragraph Formatting.....	14
Direct Character Formatting.....	15
Color Coding.....	15
<b>Index .....</b>	<b>17</b>



# 1

## Microsoft Word Styles

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This chapter explains the usage of Microsoft Word paragraph and character styles that are defined in the AWAS document templates.

### Semantic Style Usage

According to the AWAS system, the style usage is *semantic*. That is, the styles are used to label particular structural and content elements of a document. The purpose of the styles not merely to apply formatting to a document, but to define the semantic structure of the document.

As a result, two styles may have identical formats, but they have distinct names because they are used for different purposes.

For example, in the `AWBook.dot` template, the `define char`, `crossref char`, and `emphasis char` character styles all have identical, italic formatting. The styles are used for different purposes, as in the following illustrations.

- The `define char` style is used for a term that is being defined, for example:  
*A camel* is a horse with a hump.
- The `crossref char` style is used to label a cross reference:  
For more information, see *Introduction to Camels* by J. Q. Dromedary.
- The `emphasis char` style highlights a words for emphasis:  
*Do not* put your finger in a camel's mouth.

All three examples contain italicized words, but the reasons for the italics differ. In the first example, *camel* is a word that is being defined. In the second, the italicized words are a reference to a book. In the third, the words are italicized for emphasis. Because the semantic usage differs, the italicized words are formatted in three distinct character styles.

The semantic style usage facilitates document automation and conversion of Word documents to other formats such as HTML, online help, and Adobe Acrobat. Each semantic style may need to be processed in a specific way during the conversion process.

The semantic usage lets you customize the appearance of the styles selectively. For example, you can change `emphasis char` from italics to bold, without affecting `define char` or `crossref char`.

The semantic usage is the same in all the AWAS document templates, although the appearance of the styles may differ among the templates. This means that you can paste text from a document based on one AWAS template to a document based on another AWAS template. The text automatically adopts the correct formatting for the new template.

## Style Examples

The following sections of this chapter contain numerous examples of the style usage. We suggest that you view this chapter in the original Microsoft Word format of this book. This lets you study the examples and observe the styles in which they are formatted.

## Paragraph Styles

This section illustrates the AWAS paragraph styles, which are used for semantic purposes such as:

- Frontmatter
- Headings
- Body text
- Bulleted and numbered lists
- Notes
- Definitions
- Code

- Graphics
- Tables
- Spacers
- User stories
- Backmatter

Throughout this section, we present examples of the styles. You can find many additional examples by examining the way in which we have applied the styles to the text throughout this book.



*The following is a general instruction for applying Word paragraph styles, not specific to AWAS.*

*When you apply a paragraph style, be sure that the selection is a simple insertion point, or that you have selected the entire paragraph. Do not apply a style when a part of a paragraph is selected. If you do so, Word applies only the character formats of the style to the selected text; it does not apply the paragraph formats of the style.*

## Frontmatter Styles

On the title page, use the Title Logo, Title Book, and Title Version styles for the company logo, book title, and version number. You may use Body Text or Spacer for vertical spacing.

Do not insert hard line breaks in the book title. Instead, adjust the left indent of the title paragraph until the line breaks at the desired location.

The legal page should be in the Legal style. The heading of the page (*Legal Notice*) should be in the Legal Notice style, which is formatted in white so it will not be displayed in the print of PDF version. The Legal Notice style is converted to a visible color in the online help version of a document.

The TOC and Index headings should be in the Heading 1 NoHelp style, which is identical to Heading 1 but it is configured not to generate in WebWorks. This causes the TOC and index headings to be omitted from the online help version of a document.

## Heading Styles

In a document based on AWBook.dot, you can create a chapter title by inserting the ChapterTitle AutoText entry. The title contains the following sequence of paragraphs:

1. An odd-page section break (which is not in the AutoText entry)
2. An empty paragraph formatted in the Spacer style. This paragraph is needed because Word does not permit a section break immediately preceding a frame.
3. A paragraph containing a {SEQ chapter} sequence field, formatted in the Chapter num style. This style contains a frame, which places the chapter number in the left margin. (In Normal view, Word displays the number above the title. In page layout view or in a printout, Word displays the number in the margin.)
4. A paragraph containing the title text and a {tc} table of contents entry, formatted in the Heading 1 style.



*The Heading 1 style contains a hidden outline number, which is intended for cross-reference automation (not currently supported).*

### **Subheading Hierarchy**

For subheadings, use Heading 2, Heading 3, and Heading 4 as illustrated throughout this book. Heading 3 must be nested within Heading 2. Heading 4 can be used without regard to nesting (even directly under a Heading 1).

The heading of this section is a Heading 4.

### **Drop Down Headings**

To implement drop-down hotspots in a WebWorks help project, use the Heading 4 DropDown style.

#### ***Subheadings within Drop Downs***

Within a drop-down, use Heading 5 for minor subheadings, as in this example.

## **Body Text Style**

This is an example of the Body Text style. Use this style for the body of the document. Do not use the Normal style, which is reserved for use in template construction only.

## **List Styles**

### **Bulleted Lists**

For bulleted lists, use List Bullet:

- List Bullet
  - List Bullet 2
  - List Bullet 2
- List Bullet
- List Bullet

The first word of each list item should be capitalized. If any list item is a complete sentence, then all items in the list should end with a period. If no list item is a complete sentence, then none of the items should end with a period.

If the bulleted items are short, the following compressed style can be used:

- List Bullet Compressed
- List Bullet Compressed
- List Bullet Compressed

## Numbered Lists

For numbered lists (typically procedures), use the *List Number* style, which uses Word's numbering feature. To start a list at 1, right click the first item in the list and click *Restart Numbering*.

1. First item in a numbered list.
  - List Unbulleted. Use this style for explanatory or result paragraphs within a bulleted or numbered list.
2. Second item in a numbered list. Second item in a numbered list. Second item in a numbered list.
  - a. List Number 2
  - b. List Number 2
    - List Unbulleted 2. Use this style for explanatory or result paragraphs within a 2nd-level bulleted or numbered list.
  - c. List Number 2
3. Third item in a numbered list.
  - List code: use for code lines within a list
  - List code: use for code lines within a list
  - List Definition Keyword + define char*
    - List definition. The definition of the keyword. Use this style for definitions of non-code terms within lists.

List Definition Keyword + code char

List definition. The definition of the keyword. Use this style for definitions of code terms within lists.

4. Fourth item in a numbered list.

The steps of a procedure should be complete sentences and should end with periods.

### **Lists within Definitions**

Within a definition, use the Definition Bullet style (see *Definition Styles*).

## **Note Styles**

Use notes sparingly to call attention to important information, tips, or cross references.

Regular notes:



*Note style. The bullet is Wingdings2 80 bold non-italic 22 pt lowered by 5 pt. The bullet is Wingdings2 80 bold non-italic 22 pt lowered by 5 pt.*

Caution notes:



**CAUTION:** *A caution about a condition that may corrupt or overwrite data should begin with the word Caution, formatted in note char style and followed by a colon and a tab. The bullet is Wingdings3 75 bold non-italic 12 points bold red. The fill is 10% gray.*

Multi-paragraph notes:



*Note 1. Use for the first paragraph of a multi-paragraph note. Use for the first paragraph of a multi-paragraph note.*

*Note 2. Use for the middle paragraphs of a multi-paragraph note. Use for the middle paragraphs of a multi-paragraph note.*

*Note 3. Use for the last paragraph. of a multi-paragraph note. Use for the last paragraph. of a multi-paragraph note.*

Notes containing bulleted lists:



*Note 1. Use for first line of a note containing a bulleted list.*

- *Note list continue*
- *Note list continue*
- *Note list bullet*

## Definition Styles

*Definition Keyword + define char*

Use this style for definitions of non-code terms. It supports multi-paragraph definitions.

Second paragraph of a definition.

*Definition Keyword + code char*

Use this style for definitions of code terms.

- This is a bulleted list within a definition. This is a bulleted list within a definition.
- This is a bulleted list within a definition. This is a bulleted list within a definition.

Within a list, use the analogous *List Definition Keyword* and *List Definition* styles (see *List Styles*).

## Code Styles

Use the code style for source code, for file and directory names, and for text that the user enters at the keyboard.

```
code  
code  
code  
c:\winnt\system32\cmdlg32.dll
```

```
>login: almondweb  
>password: topsecret
```

For esthetic purposes, you may use *Spacer* paragraphs around source code examples:

```
code  
code
```

code

Within a paragraph of ordinary text, such as a Body Text or Note paragraph, use the `code char` style for the above purposes. The following paragraph is an example:

Before installing the software, we suggest that you make a backup copy of your `autoexec.bat` file.

For code within bulleted or numbered lists, use the `List code` style.

- This is a bulleted paragraph.

//followed by `List code`

//followed by `List code`

- Another bulleted paragraph.

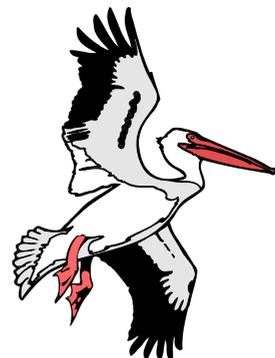
To emphasize code words, use the `code emphasis char` style. You can use this style, for example, to emphasize code words that a user needs to edit or code that has been revised from a preceding example. You can use this style either within a body paragraph (as here), or in a code line, like this:

```
>login username password /a exclusive
```

## Graphics

### Conceptual Figures

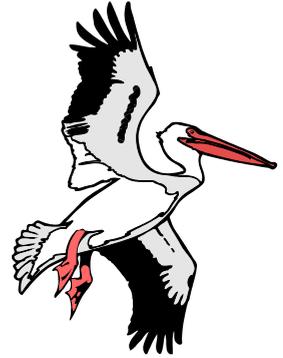
Use the style `drawing` for imported line drawings, diagrams, and other types of figures that are used to explain concepts. Two small drawings can be inserted side by side, separated by a Tab.



A drawing with a caption should be in the drawing with caption style.



South American birds



## Logos

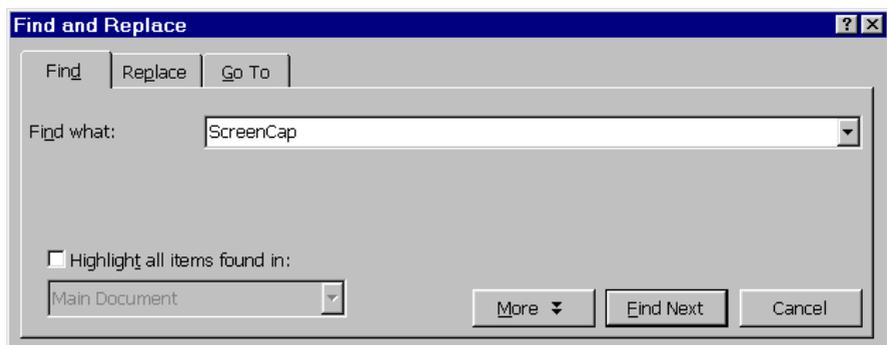
For the logo on the title page of the book, use the Title Logo style.

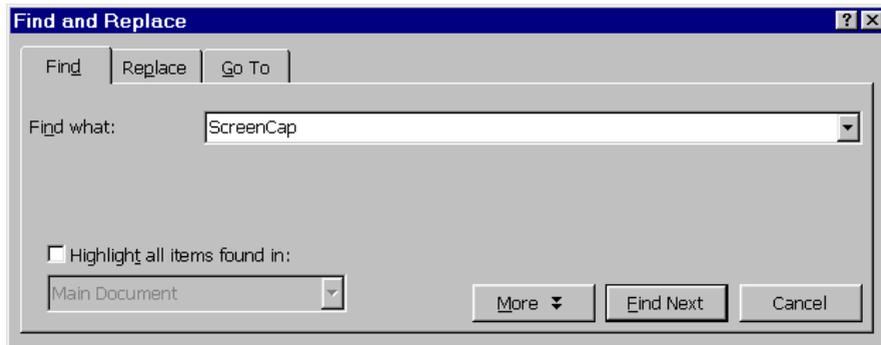
## Screen Captures

For screen captures and figures within numbered procedures, use the ScreenCap or the ScreenCap with caption style. The style is aligned with the indent of the numbered steps.

1. This is a numbered step.

This is an explanation of how or why to perform the step. This is an explanation of how or why to perform the step.





The Find and Replace dialog box

2. This is a numbered step.

## Captions

Use captions only where necessary. If the figures are placed near the text describing them, the figures are usually self-explanatory and captions are unnecessary.

Avoid using numbered captions unless absolutely required. The numbering requires maintenance and usually contributes little to the value of the figure.

After the drawing with caption style, format the caption in the Caption style. For the ScreenCap with caption style, format the caption in the Caption ScreenCap style.

## Tables

The following is a sample table. The Grid tool on the AWAS Layout toolbar formats the styles and borders of the table.

It is permitted to use the table heading style anywhere in a table that requires a bold heading paragraph (column headings, row headings, or within a cell).

<b>Table heading</b>	<b>Table heading</b>
Table	This is a sample of code char mixed with ordinary text in a table. <ul style="list-style-type: none"> <li>• Table bullet</li> <li>• Table bullet</li> </ul>
if...then...else This is a sample of source code within a table.	

## Deprecated

For compatibility with previous AWAS versions, it is permitted to use direct bolding on the table style, instead of using the table heading style.

## Tables without Borders

For a table with no borders, run the Grid tool, and then apply the Table NoBorder table style, together with the appropriate paragraph and character styles.

**Table heading**

Table cell

**Table heading**

Table cell

## Spacers

Spacer paragraphs are recommended before and after drawings, tables, and long code examples. You may insert or delete spacer paragraphs as needed to position text esthetically on a page.

The spacer paragraphs must not contain any text – not even index entries or hidden text – as the text may inadvertently be deleted during the page layout process.

As a reminder not to type any text in a spacer paragraph, the Spacer style is formatted in green.

The following is a spacer paragraph. It is visible if you view this document online in Word, with paragraph marks displayed.

## Story Styles

The story styles are for boxed user stories, such as case histories or real-life troubleshooting examples.

### *Story Heading*

*Use the Story styles for boxed user stories.*

## Backmatter Styles

The index heading should be in the Heading 1 NoHelp style, which is identical to Heading 1 but is configured not to generate in WebWorks.

## Character Styles

AWAS uses Word character styles for purposes such as:

- Cross references
- Technical terms that are being defined
- Emphasis
- Code words within body paragraphs

You should apply the character styles only within regular, non-heading paragraphs. For esthetic reasons, we recommend not applying character styles to heading paragraphs or to the column headings of tables.

## Cross References

*crossref char*

For cross references.

We recommend the following reference styles:

- Between the chapters of a book: "see *System Requirements* in Chapter 2, *Installation*."
- Within the same chapter: "see *System Requirements*". Between books: "See the *Installation* chapter of the *Gizmo User's Guide*".

In books that will be converted to online help, insert Word cross-references or hyperlinks. Format the cross references in the `crossref` char style.

## Other Character Styles

### *define char*

For technical terms that are being defined, for example, "A *gizmo* is a whosits containing a thingamajig".

### *emphasis char*

For terms that are emphasized in the text, for example, "Do *not* erase your `autoexec.bat` file".

### **NOTE CHAR**

For the initial keyword **CAUTION** of the caution style.

### *code char*

For source code, directory and file names, and text that the user types at the keyboard.

### *code emphasis char*

Emphasized code words, such as code that a user needs to edit.

### *command char*

(Optional in user documentation) For menu commands, button names, dialog-box options, and other terms or phrases that the system displays on the user's screen. Example: "Select the option to *Dial immediately*".

You may use the `command char` style to highlight command names, etc. in documents that are intended for nontechnical users. The use of the style is optional; in documents where it is not used, type the command names in mixed case, default paragraph style, for example, "Select the option to Dial Immediately."

Avoid using the `command char` style in developer and reference documentation. These types of documentation typically contain much text in the `code char` style, and the additional `command char` style would be confusing.

## Override Formats

You should not override the character formats with direct character formatting, except as permitted in *Direct Character Formatting*.

## WebWorks Test

For test purposes, the following lines contain samples of the character styles with a permitted override format (dark yellow font color).

In the Word or PDF version of this book, the following lines should display in dark yellow. In the online help version of this book, the lines should be in the same color as the non-overridden styles. This is because when we used WebWorks to convert the book to online help, we set the WebWorks styles to ignore the override format.

*crossref char*

code char

*code emphasis char*

*command char*

*define char*

*emphasis char*

**NOTE CHAR**

## Direct Formatting

The documentation automation and single-sourcing techniques that AWAS supports require that you use style formatting. You should not use direct (manual, non-style) formatting in your documents.

Nonetheless, there are a few circumstances where AWAS supports direct formatting. The following paragraphs describe these cases.

If you find that you need special formats for other purposes, you should add the formats as new styles, or contact AlmondWeb to support the new formats.

## Direct Paragraph Formatting

AWAS supports direct paragraph formatting *only* in the following circumstances:

- Left outdents of large graphics (up to the heading outdent).
- Space before or after needed to fit text onto a page. (Use this only if absolutely necessary. It is preferable to use manual page breaks for this purpose.)
- Alignment of text in table cells, for example, to center the text in a column.
- Left outdents of large tables.

- Page Break Before formatting to break a table at a desired location.

Where the use of the above features is not obvious, insert a hidden-red note calling attention to the special formatting. This is important for future updates of the document, where the formatting may need to be changed.

Indentation is preferable to framing for placing graphics on a line. Use a frame only where you need text wrap-around or other special features.

Do not use text boxes, floating graphics, Word callouts, or any other Word graphics except cropmarks. The graphic features create severe problems for document maintenance.

## Direct Character Formatting

AWAS supports non-style character formatting *only* in the following circumstances:

- Color-coding, as illustrated in the following table
- (Deprecated) In tables, for example, to bold the column headings.

## Color Coding

AWAS supports color-coding the text of a document. Color coding is very useful for revision control and document review.

The following table illustrates the recommended color coding scheme. The table contains colors and hidden text. Please view it in Word with hidden text displayed.

Color	Explanation
Auto	Default color
Pink	Text that requires further consideration or careful review
(Hidden red)	Questions, comments, information for future versions of the book, or other information that is not for publication
Dark yellow	Revisions since the previous review
Yellow highlight	New or revised text, for the author's attention
Turquoise highlight	Text that should be deleted, for the author's attention

The colors are not visible in online-help versions of AWAS documents. This is deliberate, so you can use the colors freely without concern for their effect on the online help. That is why you cannot see the colors if you are reading a help version of this book.

The font colors, except for hidden red text, are visible in PDF documents. The highlight colors may be visible, depending on your Word version and settings. You should clean up the colors before converting to PDF.

Macros for applying and finding color coded are located on the AWAS Color Coding and AWAS Highlight Coding toolbars. You may also apply the colors using the regular Word tools, but it is faster to use the AWAS tools.

# Index

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## B

backmatter, 12  
body styles, 4  
borders  
    table without, 11  
bullets, 4

## C

captions, 10  
caution statements, 6  
character styles, 12  
code, 7  
contents, 3  
cross references, 12

## D

definitions, 7  
direct formatting  
    character, 15  
    paragraph, 14  
drawings, 8

## F

figures, 8  
frontmatter, 3

## G

graphics, 8

## H

headings, 3

## I

images, 8

## L

links, 12  
lists  
    bulleted, 4  
    numbered, 5  
logos, 9

## N

notes, 6  
numbering, 5

## P

paragraph styles, 2

## S

screen captures, 9  
semantic style usage, 1  
source code, 7  
spacer paragraphs, 11  
stories, 12

## T

tables, 10  
    without borders, 11  
title page, 3

## W

warnings, 6