



Writer Guide

Chapter 6

Introduction to Styles

Paragraph, Page, Character, and List Styles

OpenOffice.org

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Introduction

What are styles?

Most people are used to writing documents according to *physical* attributes. For example, you might specify the font family, font size, and weight (for example: Helvetica 12pt, bold).

Styles are *logical* attributes. We use styles every day. For example, there are two styles of personal computer: desktop and laptop. Each has its own distinctive set of properties. You never say “my computer is a low-weight, one-piece unit with an LCD screen attached to a rectangular casing containing the computing components and the keyboard”. Instead, you could say that you have a laptop.

OpenOffice.org (OOo) styles are a way to do the same thing for your document. Using styles means that you could stop saying—font size 14pt, Times New Roman, bold, centered—and, instead, you could start saying “title” for describing that particular font usage. In other words, styles means that you shift the emphasis from what the text *looks like* to what the text *is*.

Why use styles?

OOo brings a powerful notion of styles. Styles help improve consistency in a document. They also make major formatting changes easy. For example, you may decide to change the indentation of all paragraphs or change the font of all titles. For a long document, this simple task could be prohibitive. Styles make the task easy.

The time is 9:50 AM, and Jane is finishing the 30-page paper for school that is due at 10:00 AM. She looks over the assignment one more time, and suddenly she realizes that:

- The text must use Arial font instead of Times New Roman.
- The headings must be dark blue and indented.
- The title must appear at the top-right of every page except the first.
- Even-numbered pages must have a wider right margin, and odd-numbered pages must have a wider left margin.

Thankfully, Jane used OOo Writer and styles. She makes all the changes in only two minutes and hands in the paper on time.

Style categories

OOo Writer has five style categories:

- *Paragraph* styles affect entire paragraphs represented with those styles.
- *Character* styles affect a block of text mainly inside a paragraph, although you could select blocks of text in more than one paragraph.
- *Page* styles affect page formatting (page size, margin, and the like).
- *Frame* styles affect frames and graphics.
- *List* styles affect outlines, numbered lists, and bulleted lists.

In the same way that characters are the building blocks for creating words, paragraphs are the building blocks of every document. Headings (subheads) are paragraphs; headers, footers, and numbered lists are also paragraphs. Paragraph styles are, therefore, the most frequently used styles and are the ones treated in more detail in this and the next chapter.

The Styles and Formatting window

Styles are available through a floating or dockable window called Styles and Formatting, shown in Figure 1. This window is at the center of styles management. Do not worry, at first, if some contents of this section seem obscure while progressing through this or the next chapter. This guide describes how to use all these functions.

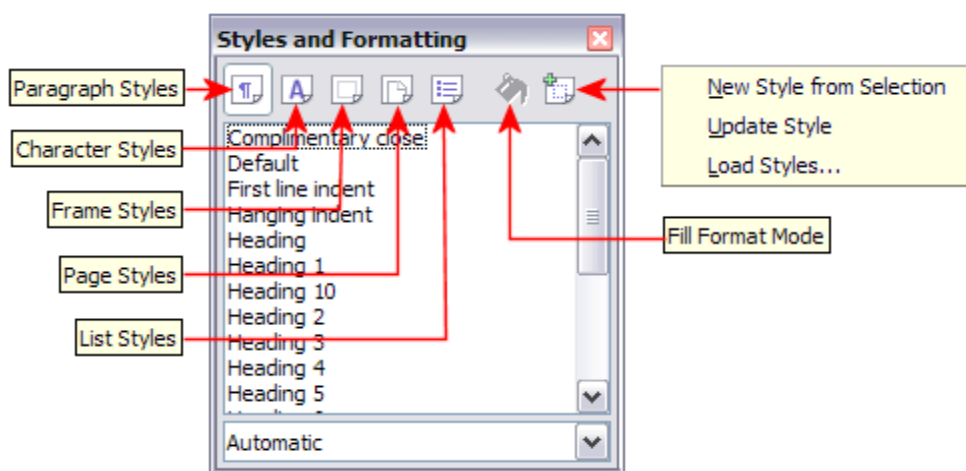



Figure 1: Styles and Formatting window for Writer

To open the Styles and Formatting window, do *any one* of the following:

- Click on the  icon located at the left-hand end of the formatting toolbar.
- Select **Format > Styles and Formatting**.
- Press *F11*.

Tip You can move the Styles and Formatting window to a convenient position on the screen or dock it to an edge.


Style selection basics

The first five icons at the top of the Styles and Formatting window select the category of styles to work on. Click on one of these icons to display a list of styles in that category, such as paragraph or character styles, in the main window.

To apply a character style to existing text, select the text and then double-click on the name of the style in the *Character Styles* list. To apply any other style, put the cursor in the paragraph, frame, or page you want to modify and double-click on the name of the style in the corresponding section. You can select more than one paragraph or frame and apply the same style to all of them at the same time.

Using Fill Format mode

The sixth icon at the top of the Styles and Formatting window activates the *Fill Format* mode. Use Fill Format to apply a style to many different areas quickly without having to go back to the Styles and Formatting window and double-click every time. This method is useful for formatting many scattered paragraphs, words, or other items with the same style, and it may be easier to use than making multiple selections first and then applying a style to all of them.

- 1) Open the Styles and Formatting window (Figure 1) and select a style.
- 2) Click the **Fill Format Mode** icon .
- 3) To apply a paragraph, page, or frame style, hover the mouse over the paragraph, page, or frame and click. To apply a character style, hold down the mouse button while selecting the characters. Clicking on a word applies the character style for that word.
- 4) Repeat step 3 until you made all the changes for that style.
- 5) To quit the Fill Format mode, click the icon again or press the *Esc* key.

Caution



When this mode is active, a right-click anywhere in the document undoes the last Fill Format action. Be careful not to accidentally right-click and mistakenly undo actions you want to keep.

New Style from Selection, Update Style, and Load Styles functions

The last button in the toolbar of the Styles and Formatting window is a multipurpose button that gives access to three different functions: New Style from Selection, Update Style, and Load Styles.

Using New Style from Selection

Use the first function of the multipurpose button to create a new style from the formatting of an object in the current document. For instance, you can change the formatting of a paragraph or frame until it appears as you like, and then you can turn that object's formatting into a new style. This procedure can save time because you do not have to remember all the formatting settings you want, as is necessary when creating a new style with the Style dialog box. Besides, unlike when setting the formatting parameters in dialog box pages as you will learn to do later, you can immediately see how the objects will look like when formatted with the style you are creating.

Follow these steps to create a new style from a selection:

- 1) Change the formatting of the object (paragraph, frame, etc.) to your liking.
- 2) From the icons at the top of the window, choose the type of style to create (paragraph, character, and so on).
- 3) In the document, select the item to save as a style.
- 4) Go back to the Styles and Formatting window and click the **New Style from Selection** icon.

In the Create Style dialog box (Figure 2), enter a name for the new style. The list shows the names of existing custom styles of the selected type, if any. Click **OK** to save the new style.

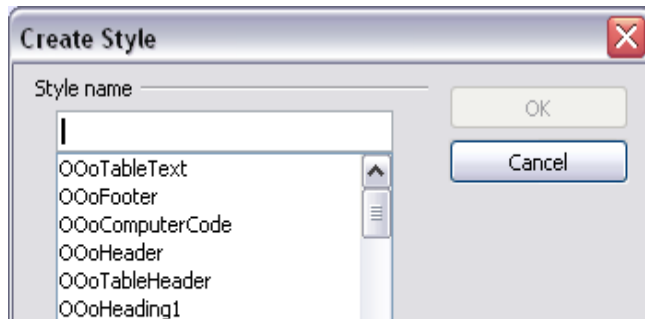


Figure 2: Dialog box to name the new style from selection

Update Style (from a selection)

Let's use paragraph styles as an example.

- 1) Create a new paragraph (or modify an existing paragraph) and edit all the properties you want to go into the style (such as indentation, font properties, alignment, among others).

Caution



Make sure that there are unique properties in this paragraph. For example, if there are two different font sizes in the paragraph selected to update the style, that particular property will not be updated.

- 2) Select the paragraph by clicking anywhere in the paragraph.
- 3) In the Styles and Formatting window, select the style you want to update (single-click, not double-click) and then click on the **New Style from Selection** icon and select **Update Style** (see Figure 3).

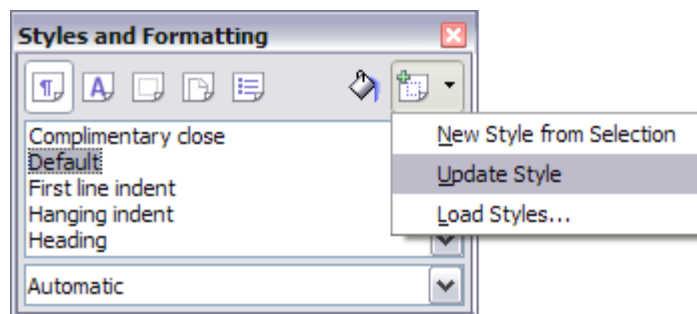


Figure 3. Updating a style from a selection

The procedure to update another type of style (character, page, or frame styles) is the same. Just select the item in question, select the style you want to update, and choose **Update Style**.

Load Styles (from a template or document)

The last option in the **New Style from Selection** icon is used to copy styles into the current document by loading them from a template or another document. This method copies all styles, or groups of styles, at one time.

- 1) Open the document to copy styles into.
- 2) In the Styles and Formatting window, click on the **New Style from Selection** icon and then on **Load Styles** (see Figure 1).
- 3) In the Load Styles dialog box (Figure 4), find and select the template to copy styles from. Click on the **From File** button if the styles you want are contained in a text document rather than a template. In this case, a standard file selection dialog box opens up, allowing you to select the desired document.
- 4) Select the check boxes for the types of styles to be copied. If you select **Overwrite**, the styles being copied will replace any styles of the same names in the target document.
- 5) Click **OK** to copy the styles.

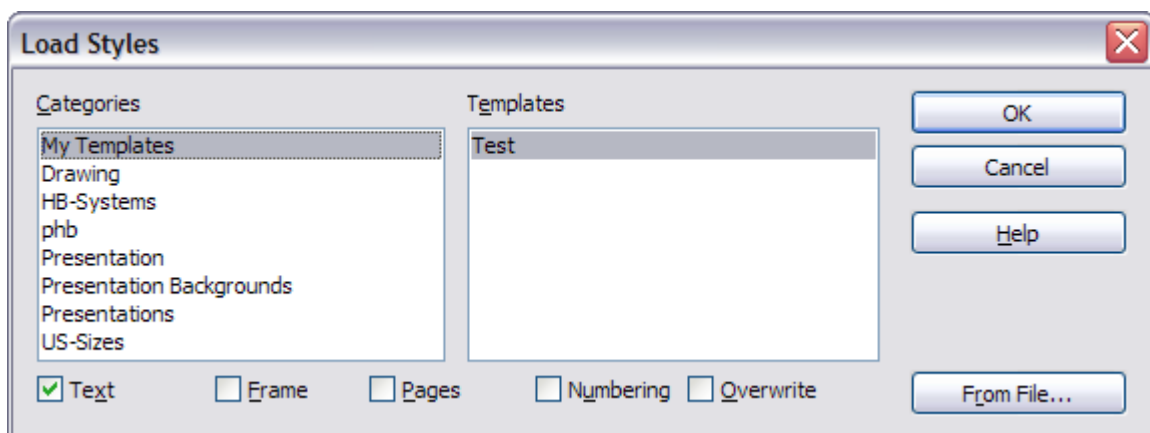


Figure 4: Loading styles from a template

Using the visible styles filters

At the bottom of the Styles and Formatting window, use the drop-down menu to select a filtering criterion for the contents of the main body of the window. Normally, you will find that only a handful of styles are needed in any given document, and it makes sense to have only these styles shown.

So, at the beginning of the writing process, you may want to have access to all the available styles (by selecting **All Styles**). However, as the document develops, it is useful to reduce the size of the list displayed to only the styles already in use (by selecting **Applied Styles**). If you work on a document where you want to apply special-purpose styles only (such as those styles used in writing this user guide), select instead **Custom Styles**. The **Hierarchical Styles** view is most useful when modifying styles as it reveals which styles are linked together. This topic is discussed in more detail in Chapter 7 (Working with Styles).

If you select the **Paragraph Styles** view in the Styles and Formatting window, the drop-down menu contains many more filtering options so you can view, for example, only **Text Styles**, **Special Styles**, and so on.

Drag-and-drop a selection to create a style

Another little known property of the Styles and Formatting window is the capability of creating a new style with a simple drag-and-drop of a text selection into the Styles and Formatting window.

- 1) Open the Styles and Formatting window.
- 2) Select the style category you are going to create (for example a character style) using one of the five icons in the top left part of the window.
- 3) Select the object you want to base the style on and drag it to the Styles and Formatting window. The cursor changes its shape indicating whether the operation is possible or not.
- 4) In the Create Style dialog box (Figure 2), enter a name for the new style. The list shows the names of existing custom styles of the selected type, if any. Click **OK** to save the new style.

Caution



You cannot use the drag-and-drop method to create a custom page style.

Applying styles

Styles can easily be applied by means of the Styles and Formatting window. However, alternative ways exist to apply certain styles, as explained in this section.

Applying paragraph styles

The most used style when drafting a document is the paragraph style. OOo offers two quick alternatives to the Styles and Formatting window to apply this category of style: the Apply Style menu and the Format Paintbrush icon.

The Apply Style menu lists the paragraph styles that are currently in use in the document. You can select styles from this menu, just as with the Styles and Formatting window.

When a style is in use in a document, the style name appears on the *Apply Style* list (Figure 5) near the left end of the formatting bar, to the right of the *Styles and Formatting* icon.

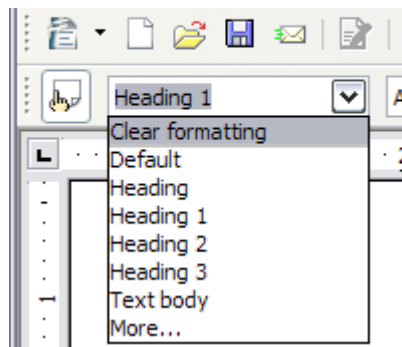



Figure 5: The Apply Style list

To apply a style from this list, click on the desired style or use the up or down arrow keys to move through the list, then press *Enter* to apply the highlighted style.



Tip Select **More...** at the bottom of the list to open the Styles and Formatting window.

The format paintbrush can be used to apply a certain paragraph style to another paragraph (or group of paragraphs). Start by placing the cursor inside the paragraph you want to copy, then press the

Format paintbrush icon  in the standard toolbar. The cursor changes into an ink bottle. Select now the paragraphs to which you want to apply the copied style. Note that it is not required to select the whole paragraph.

Example: Applying a paragraph style

Let's see the three methods described above in action with an example.

- 1) Create a new document (choose **File > New > Text Document** or press *Control+N*).
- 2) Enter **Heading 1** in the new document, but do not press *Enter* so that the cursor remains in that same line where you typed.
- 3) Click the **Styles and Formatting** icon  located on the Formatting Bar or press the *F11* key. This opens the Styles and Formatting window (Figure 6).
- 4) Make sure the window is showing the *Paragraph Styles* section (click on the top-left icon of the Styles and Formatting window ).

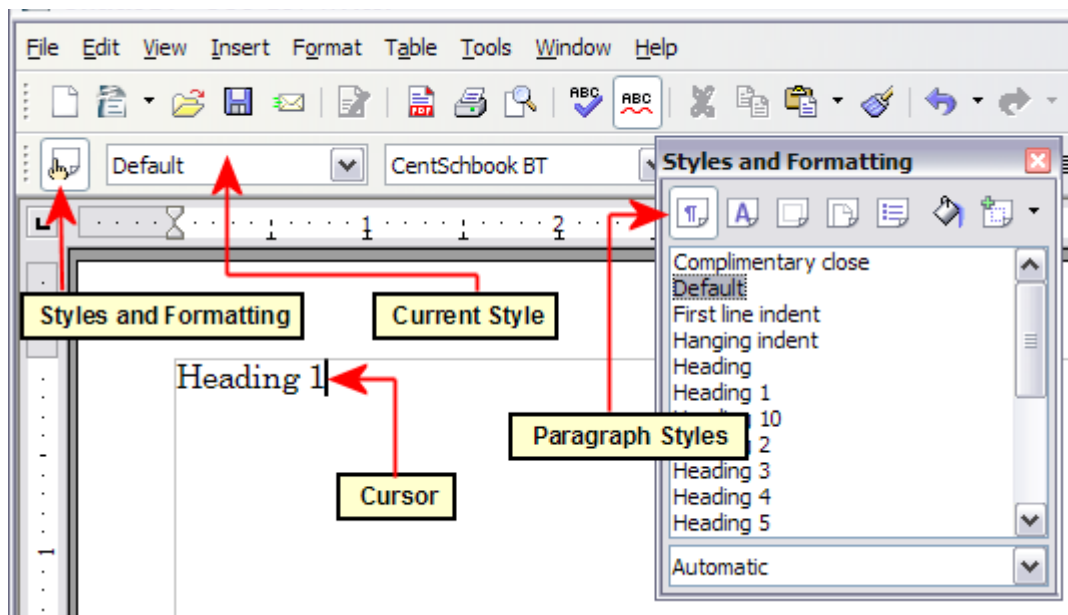


Figure 6. Click on the **Styles and Formatting** icon  to bring up the window.

Double-click the **Heading 1** entry of Styles and Formatting (see Figure 7). This does two things:

- Gives the line (actually, its entire paragraph) you typed the *Heading 1* style.
- Adds **Heading 1** to the *Apply Style* menu.

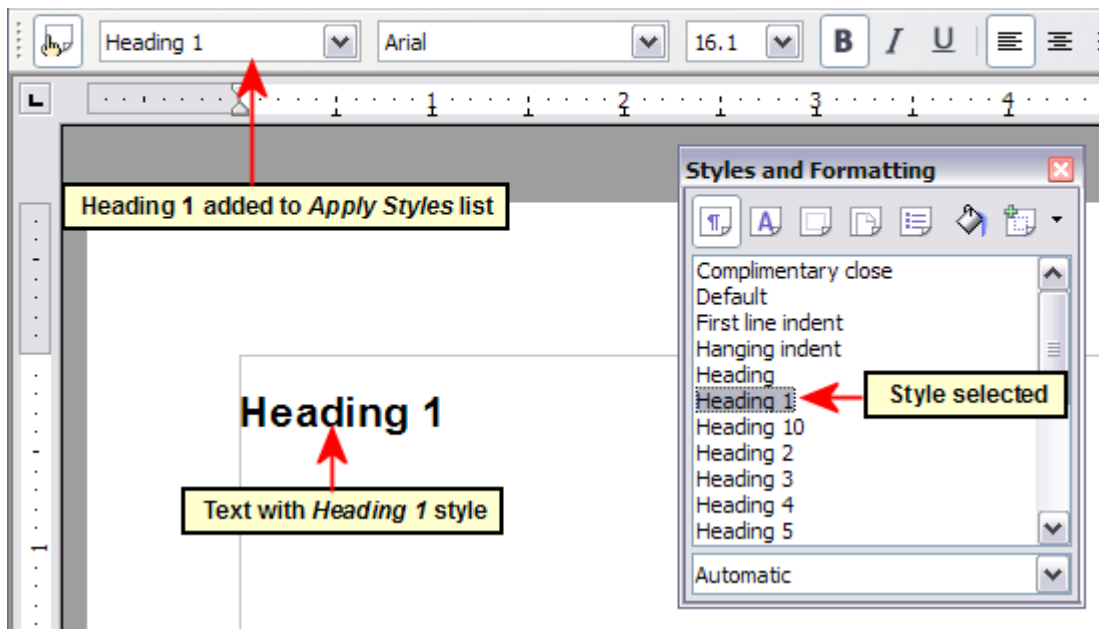



Figure 7. Applying paragraph styles

To use the *Apply Styles* drop down menu (Figure 5):

- 1) Move the cursor to a new line or create a new line by pressing the *Enter* key at the end of the previous line and type some text.
- 2) Keeping the cursor on the same paragraph, select **Heading 1** in the *Apply Styles* list.

The text acquires the properties of the *Heading 1* style. If the paragraph style you want is not in the *Apply Style* list, select **More** to bring up the *Styles and Formatting* window. If the *Styles and Formatting* window is still open, you may notice that the *Heading 1* style is also highlighted in the main window, as shown in Figure 7.


Finally, try the *Format Paintbrush*:

- 1) Move the cursor to a new line or create a new line by pressing the *Enter* key at the end of the previous line and type some text.
- 2) Move the cursor to one of the two paragraphs with style **Heading 1** and select the **Format Paintbrush** icon  to activate it (the cursor changes shape).
- 3) Move the cursor on the paragraph you have created and click the left mouse button.

The cursor shape changes back to the normal one, and the text acquires the properties of the *Heading 1* style.

If the *Styles and Formatting* window is open, you may notice that the *Heading 1* style is also highlighted in the main window.

Applying character styles

Open the Styles and Formatting window (press *F11*) and click the second button in the top bar . The list of available character styles is displayed. To apply a character style, follow these steps:

- 1) Select the block of text where you wish to apply the style.
- 2) Double-click the appropriate character style in the Styles and Formatting window.

Some examples include:

This example uses the OOo-supplied *Strong Emphasis* character style.

Definition: A statement describing the meaning of a word or phrase.

Note One difference between character styles and paragraph styles is the need for selecting text (highlighting). Character styles require you to select the text you want to apply them to; paragraph styles do not.

Unset/undo character styles

Sometimes, you will want to remove the formatting from a block of text. *You must resist the temptation to do this manually.* This will only cause trouble down the road. There are three easy ways to remove character formatting:

- Select the block of text and right-click and choose **Default Formatting**.
- If you have the Styles and Formatting window open, select the block of text and double-click the *Default* character style.
- Select the block of text, then press *Ctrl+Shift+Spacebar*.

Note The first method also works for removing manual formatting.

Applying frame styles

Whenever you insert an object into a document, it will automatically have a frame around it. Some designers like to add frame styles to introduce variety. For example, you could have two different frame styles for graphics: one that is centered for small graphics and another that is left-aligned for graphics that take up the entire width of the main frame. In such a case, you need to add at least one frame style.

To apply a style to a frame:

- 1) Select the frame.
- 2) Bring up the Styles and Formatting window (for example, by pressing *F11*).
- 3) Click the **Frame Styles** icon (the third one from the left).
- 4) Double-click the frame style you want.

Tip When a frame is selected, the Frame toolbar replaces the Formatting toolbar. Then, the *Apply Style* list at the left of the Frame toolbar displays frame styles. You can use this to change the style of a frame.

Most of a frame's design can be set in a style. However, the following options must be set manually:

- Anchoring: how the frame is positioned in relation to the rest of the page's contents (**Format > Anchor**).
- Arrangement: the frame's position in a stack of objects (**Format > Arrange**).
- Adding a hyperlink: so that a click on the frame opens a Web page or another document in an HTML file (**Insert > Hyperlink**).

The right-click menu also has items for anchoring and arrangement, as well as for wrap and alignment (Figure 8).

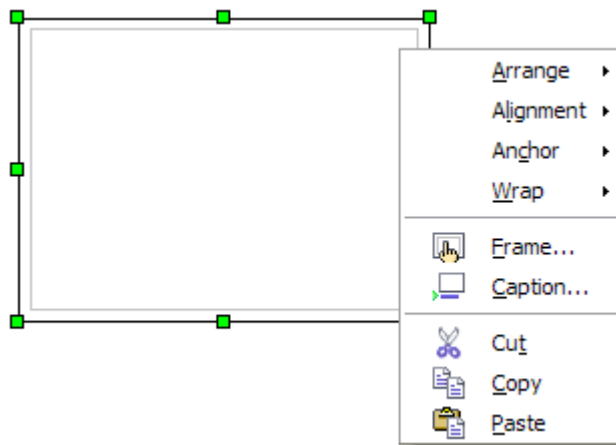


Figure 8: A frame's right-click menu has positioning options

Applying page styles

To apply a page style, place the cursor anywhere on the page to which the style should be applied. You can easily check which page style is applied because it is shown on the status bar (Figure 9).

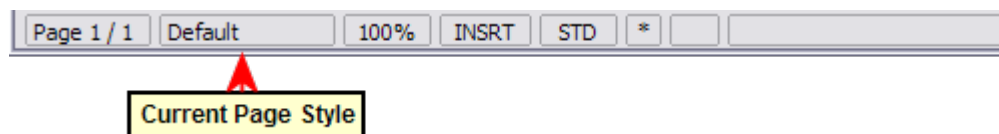


Figure 9. The current page style is displayed on the status bar.

If you want to apply a different style, you can either right-click on the style in the status bar and select a new style from the pop-up menu, or you can open the Styles and Formatting window, select the page style icon at the top of the window (fourth icon), and then double click on the desired style.

Caution



Changing a page style may cause the style of subsequent pages to change as well. The results may not be what you want. To change the style of only one page, you may need to insert a manual page break, as described on the next page.

As discussed in Chapter 7 (Working with Styles), a correctly set up page style will, in most cases, contain information on what the page style of the next page should be. For example, when you apply a *Left* page style to a page, you can indicate in the style settings that the next page has to apply a *Right* page style, a *First* page style could be followed by either a *Left* page style or a *Default* page style, and so on.

Another very useful mechanism to change the page style is to insert a manual page break and specify the style of the subsequent page. The idea is simple: you break a sequence of page styles and start a new sequence. To insert a page break, choose **Insert > Manual Break** and choose **Page break**. This section illustrates two common scenarios where page breaks are useful.

Example: Chapters

A possible scenario: You are writing a book that is divided into chapters. Each chapter starts with a page style called *New Chapter*. The following pages use the *Default* page style. At the end of each (except the last) chapter, we return to the *New Chapter* page style for the first page of the next chapter.

OOo doesn't have a predefined *New Chapter* style, so you must create a custom style (see Chapter 7). Let's suppose that you already have the page styles with the following properties:

<i>Page style</i>	<i>Next Style</i>
New Chapter	Default
Default	Default

At some point, you will want to start a new chapter. Follow these steps:

- 1) Put the cursor at the end of the chapter, on a blank line (empty paragraph) of its own.
- 2) Choose **Insert > Manual Break**. The Insert Break dialog box (Figure 10) appears.
- 3) Under *Type*, choose **Page break** and under *Style*, select **New Chapter**.

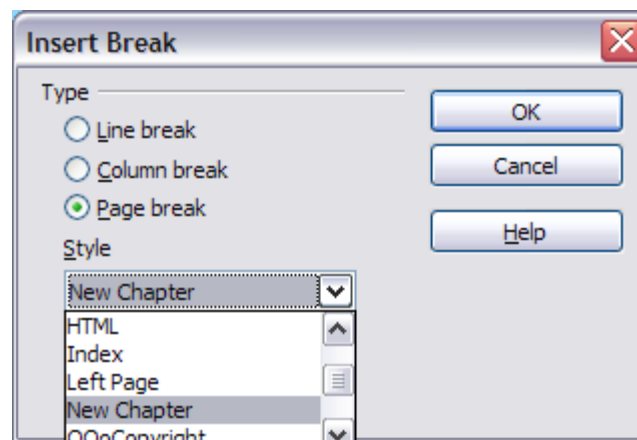


Figure 10. Choose Page break and select the New Chapter page style.

Figure 11 illustrates the flow of page styles when using page breaks.

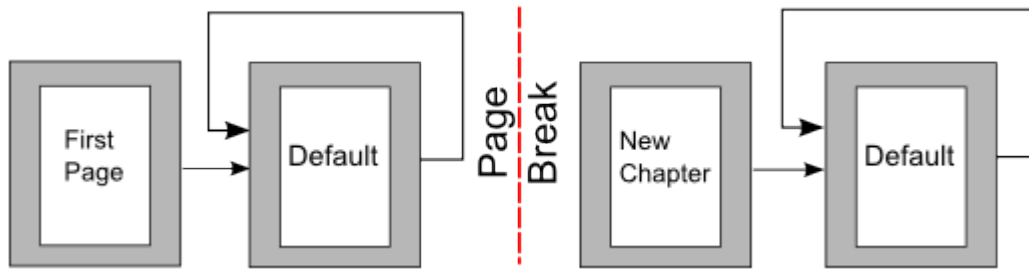


Figure 11. Page style flow using a page break

Example: Inserting a page with special formatting

Sometimes you may need to insert a page with special formatting. For example, a landscape page or a page with more columns. This can also be done with page breaks. Suppose that the current page has the *Default* page style.

- 1) Choose **Insert > Manual Break**.
- 2) Select the desired page style (say, *Special Page*) in the Insert Break dialog box.
- 3) Fill in the contents for this page. Then insert another page break.
- 4) Then select *Default* again. The pagination continues on as normal, except that one page has been replaced by a different page style.

This concept is illustrated in Figure 12.

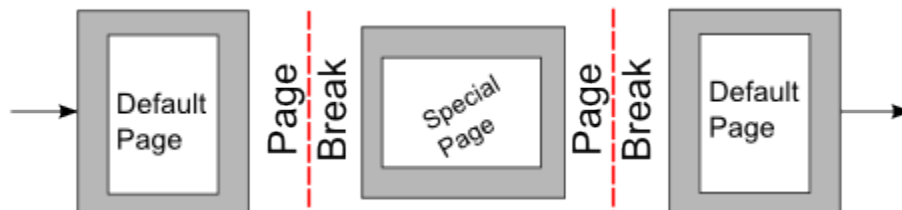


Figure 12. Inserting a page with special formatting

Applying list styles



List styles work in conjunction with paragraph styles and do not by themselves define properties such as font, borders, text flow properties, and so on. If you need your list to have specific properties besides the indentation that can instead be defined in a list style, you should embed the list style into paragraph styles, as explained in Chapter 7. By embedding the list style in the paragraph style, you can create a numbered list by only using paragraph styles. You will notice that for each of the list styles predefined in Oo, four paragraph styles exist; in the case of the *Numbering 1* style, for example, you will find:

- Numbering 1
- Numbering 1 Cont.
- Numbering 1 End
- Numbering 1 Start


Numbering 1 is a default paragraph style to which you can attach a list style. If you want to make exclusive use of paragraph styles and never use the Formatting toolbar when creating a numbered

list, you could use the other three styles. All you need to do is to create a suitable list style and set up the *Next Style* property in the Organizer page of the Paragraph Style dialog box so that the *Numbering 1 Start* paragraph is followed by the *Numbering 1 Cont.* style, while the *Numbering 1 End* paragraph style is followed by a default style paragraph.

If you only want to apply a list style (that is, the numbering or bullet symbol and the indentation) then, when the cursor is on the paragraph to be numbered, double-click on the desired list style.

When creating a list style, you can define up to ten levels of depth for nested lists. Switch from one level to the other with either the **Promote**  or the **Demote**  buttons on the Bullets and Numbering toolbar or by pressing the *Tab* key (one level down) or *Shift+Tab* key combination (one level up) or by right clicking on the list element and select **Up One Level** or **Down One Level** from the pop up menu.

Restarting the numbering

When creating more than one numbered list of the same type within the same chapter, OOo will apply progressive numbering to all the lists. Sometimes this is exactly what you want, while at other times you want to restart the numbering. To do so, either click on the **Restart numbering** icon  on the Bullets and Numbering toolbar or right-click on the first element of the list and select **Restart numbering**.

Modifying styles

OOo Writer provides several predefined styles, but you may find that they do not fit in one way or another your preferences. One option available in this case is to build your own library of styles that you can then use to replace the predefined ones, however, you may also opt for modifying the existing styles. OOo offers four mechanisms to modify both both predefined and custom (user-created) styles:

- Update a style from a selection.
- Load or copy styles from another document or template.
- Change a style using the Style dialog box.
- Use AutoUpdate (paragraph and frame styles only).

The first two methods are already discussed in “Update Style (from a selection)” on page 4 and “Load Styles (from a template or document)” on page 5 respectively, while Chapter 7 (Working with Styles) discusses at length the process of creating a new style.

This section shows how you can quickly make simple modifications to existing paragraph styles using the same tools you would use for applying formatting manually.

Tip Any changes made to a style are effective only in the current document. If you want to reuse modified or new styles in other documents, you need to either save the styles in a template—see Chapter 10 (Working with Templates)—or copy the styles into the other documents, as described in “” on page .

Changing a style using the Style dialog box

To change an existing style using the Style dialog box, right-click on the style in the Styles and Formatting window and select **Modify** from the pop-up menu.

The dialog box displayed depends on the type of style selected. Figure 13 shows an example of the dialog box for a paragraph style. Each style's dialog box has several tabs. The various properties on these dialog boxes are described in the next chapter.

Move to the page where the setting you want to modify is specified and input the new value. You can click the **Help** button at any time to bring up the online guide where all the options of the current page are briefly described. When you are done, click **OK** to close the dialog box. As discussed above, the great advantage of styles is that all the instances of such style in your document are now modified to your liking.

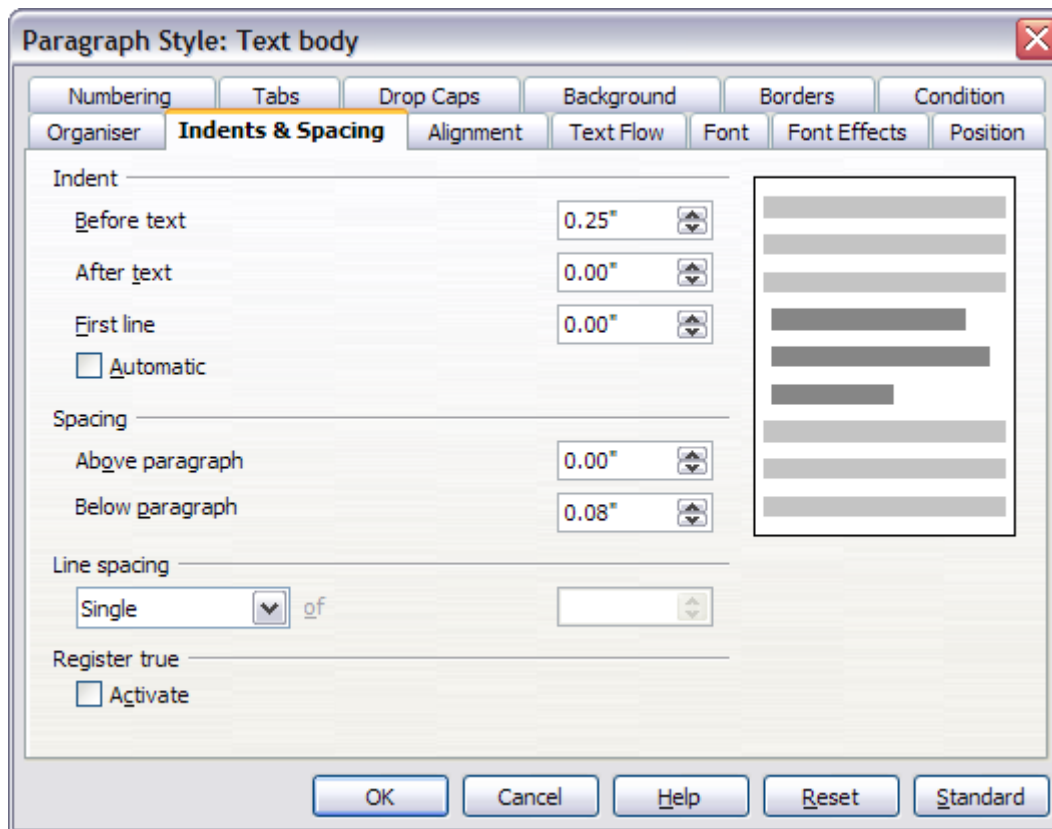


Figure 13: Example of the Paragraph Style dialog box

Examples: Modifying paragraph styles

For this example, we need three lines of text with three OOo-supplied paragraph styles: *Heading 1*, *Heading 2*, and *Heading 3*. These paragraph styles could be used in formatting headings (subheads) in the framework for a document that will be “fleshed out” afterwards.

Open a new text document for this exercise and type **Title** on the first line, click the **Paragraph Styles** icon on the Styles and Formatting window, and double-click **Heading 1** in the drop-down list. Repeat this procedure for the other entries of Figure 14, using the proper paragraph style for each: the *Heading 1* style for the paragraph containing the word **Title**, *Heading 2* for **Subtitle 1**, and so on.

Your document should resemble Figure 14.

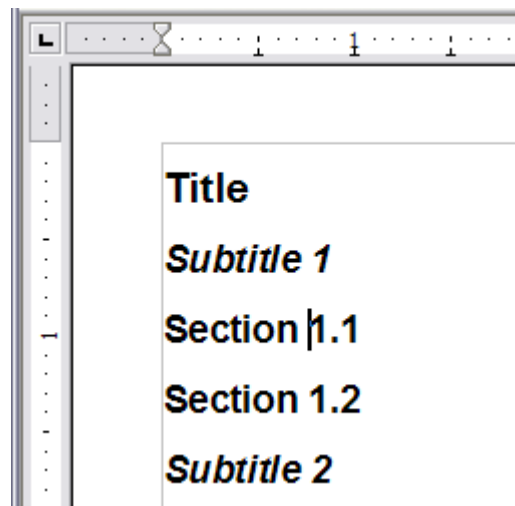


Figure 14. Headings 1–3 with default styles

Suppose you decide to make some changes to these styles, namely:

- *Heading 1* should be centered.
- *Heading 3* should be indented.

Center Heading 1

On the Styles and Formatting window, select the **Paragraph Styles** icon (if it isn't already chosen), right-click on **Heading 1**, and choose **Modify** (as shown in Figure 15).

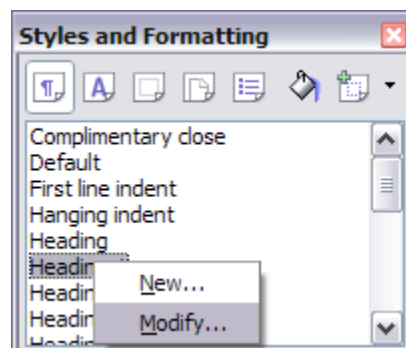


Figure 15. Modifying a style

After the Paragraph Style window opens, choose the **Alignment** tab, select **Center** (as shown in Figure 16), and click **OK**.

Now, every paragraph marked as *Heading 1* will be centered (as shown in Figure 17). If you make another *Heading 1* entry, it will be centered as well.

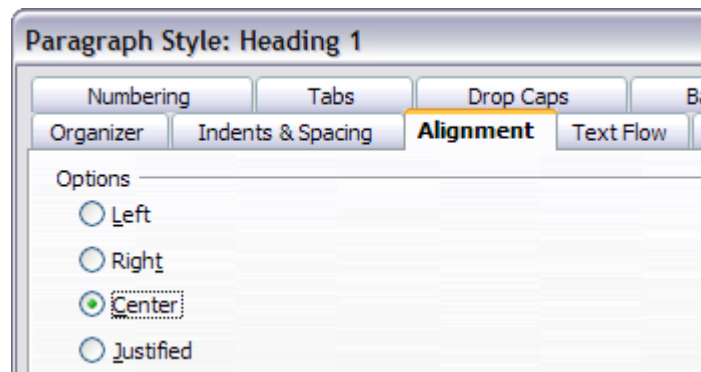


Figure 16. Center Heading 1

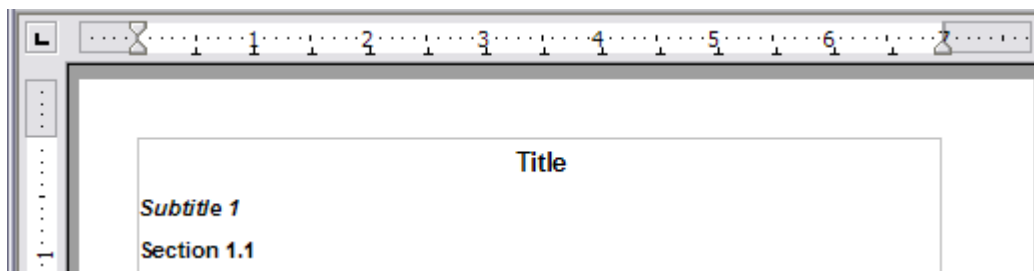


Figure 17. The text Title, which is formatted as a centered Heading 1 style

Indent Heading 3

On the Styles and Formatting window, right-click on the **Heading 3** paragraph style and choose **Modify** (as before). After the Paragraph Style dialog box opens, follow the steps below:

- 1) Click the **Indents & Spacing** tab.
- 2) Under the *Indent* section, set the indentation before the text to **0.60"**, as shown in Figure 18. Your display might be different, depending upon what measurement unit was set in the options (**Tools > OOO Writer > General > Settings**).

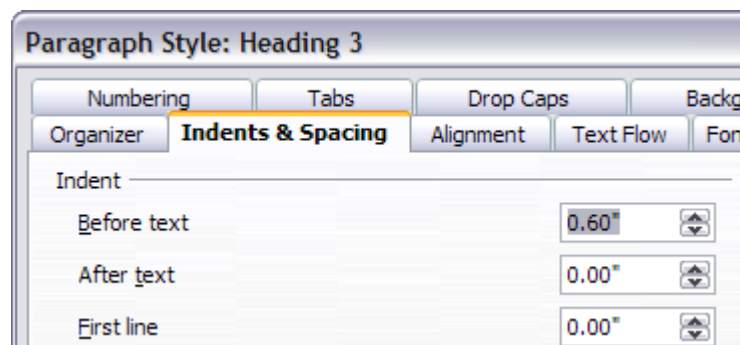


Figure 18. Set indentation

The result should resemble Figure 19.

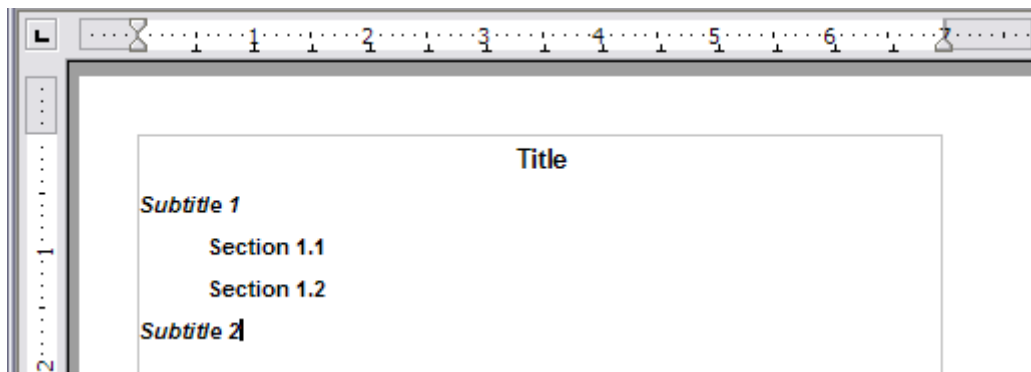


Figure 19. The text formatted as Heading 3 style is now indented.

Using AutoUpdate

On the Organizer page of the Paragraph Style dialog box is a check box named AutoUpdate (Figure 20). It is present only for paragraph and frame styles. If this check box is selected, then OOO will apply to the style itself any modification made manually to a paragraph formatted with that style.

Caution



If you are in the habit of manually overriding styles in your document, be sure that AutoUpdate is **not** enabled, or you will suddenly find whole sections of your document reformatting unexpectedly.

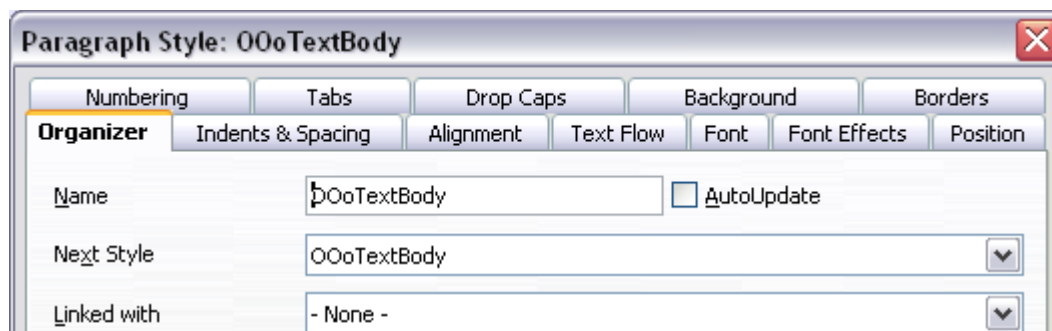


Figure 20: The Organizer page of the Paragraph Style dialog box

Creating custom paragraph styles: examples

You have seen that the Styles and Formatting window provides several predefined styles, such as *Heading 1* and *Text body*. But what if you need something different, like a poem style, that is not in Styles and Formatting? With Writer you can make your own styles to suit your needs.

Chapter 7 (Working with Styles) describes in detail the options on the various pages of the Paragraph Style dialog box. This section provides an example of a typical use of custom paragraph styles.

We create a *Poem* paragraph style and a *Poem Header* paragraph style, with the following properties:


- *Poem*: Centered, with a font size of 10pt.
- *PoemHeading*: Centered, bold, with a 12pt font size.

In addition, a *PoemHeading* style is to be followed by a *Poem* style. In other words, when you press *Enter*, the next paragraph style in the document changes to *Poem*.

Note An astute reader may have noticed this behavior already. After you enter a heading using a *Heading* paragraph style and press *Enter*, the next style switches to *Text body*.

Creating the *Poem* paragraph style

Our next example uses the *Poem* style. We will use the *Default* style as a starting point.

- 1) Click the **Styles and Formatting** icon  or press *F11*.
- 2) Click the **Paragraph Styles** icon (first from the left).
- 3) Right-click **Default** and choose **New** (see Figure 21).

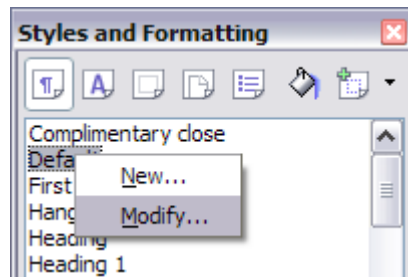


Figure 21. Create a new style.

This opens the Paragraph Style dialog box, with the **Organizer** page selected. To create a custom style, you have to understand and configure the top three entries.

Style fields	Description
Name	This is the name of the style itself, like <i>Heading 1</i> or <i>Text body</i> . Set (type in the text box) the name to <i>Poem</i> .
Next Style	This is the default style that follows the <i>Poem</i> style. When you press <i>Enter</i> while typing text in the <i>Poem</i> style, this style is used. Set this value to Poem . When you press <i>Enter</i> , the text will remain in the <i>Poem</i> style.
Linked with	If the <i>Poem</i> style is linked with another, say <i>Default</i> , then any change in <i>Default</i> will affect <i>Poem</i> , just as you saw with <i>Heading</i> in the previous section. For our example, this is not the behavior we want. Set this entry to – None –. This means that <i>Poem</i> is not linked with any other style.

After making these changes, your dialog box should look like Figure 22.

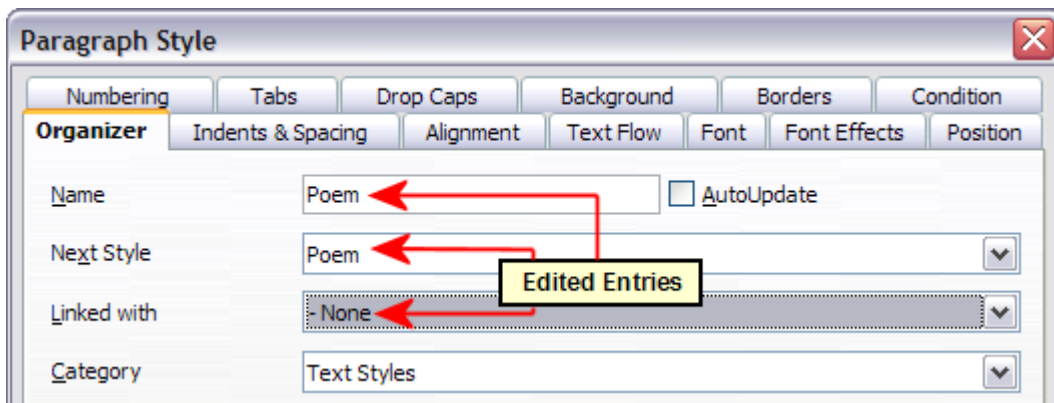


Figure 22. Initial configuration for the *Poem* style. Set the first three entries as shown.

The next step is to configure the alignment and font properties of this style.

- On the *Alignment* page, select the **Center** option.
- On the *Font* page, select the **12pt** font size.

Click **OK** to save the new *Poem* style.

Creating the *PoemHeading* style

Create a new *PoemHeading* style. Use the same procedure as before, with these changes:

- *Next Style*: Select **Poem**, not **PoemHeading**.
- *Linked with*: **Heading**.

The window should look like Figure 23.

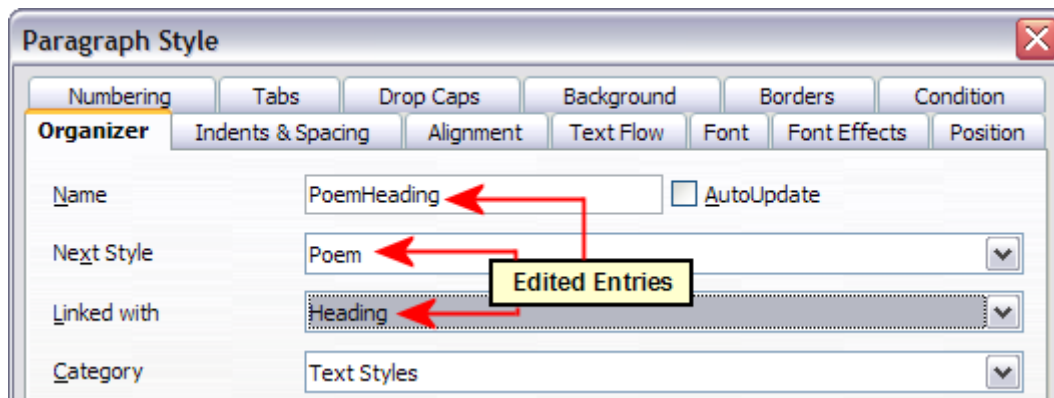


Figure 23. Settings for the *PoemHeading* style

Now set the settings of the new style:

- 1) On the *Alignment* page, select **Center**.
- 2) On the *Font* page, choose **Bold** and size **14pt**.

Click **OK** to save the new *PoemHeading* style.

Sample poem

It is a good idea to test out your new styles and see if you are happy with them. Typing a poem using the styles we have just defined should produce the results in Figure 24.

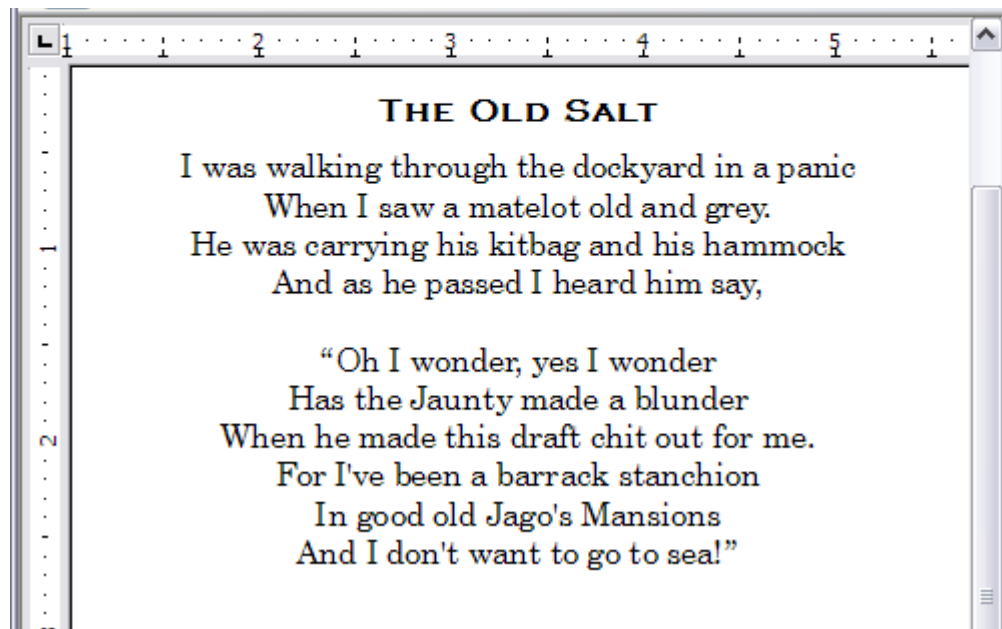


Figure 24. Sample poem

Changing the formatting of your styles

One of the main advantages of styles is that they allow the document formatting to be changed after the content has been written. For example, suppose you have written a 100-page book of poetry. Then you decide you don't like the way the poems look after all. Or, perhaps, your publisher doesn't like it.

To learn about reconfiguring styles, we add an indentation to the *Poem* style instead of centering it.

Indent Poem

First, set the *Poem* style to left alignment:

- 1) In the Styles and Formatting window, select **Poem** and right-click and select **Modify**.
- 2) On the *Alignment* page, select **Left**.

Set the indentation:

- 1) Click the **Indents & Spacing** tab.
- 2) Under *Indent*, set the indentation before the text to **5cm** (or about 2in).

Done! Click **OK**, and you should see the text change.

Final result

After all these changes, the poem should look similar to Figure 25. You will note in the figure that a third style has been created for the author of the poem.

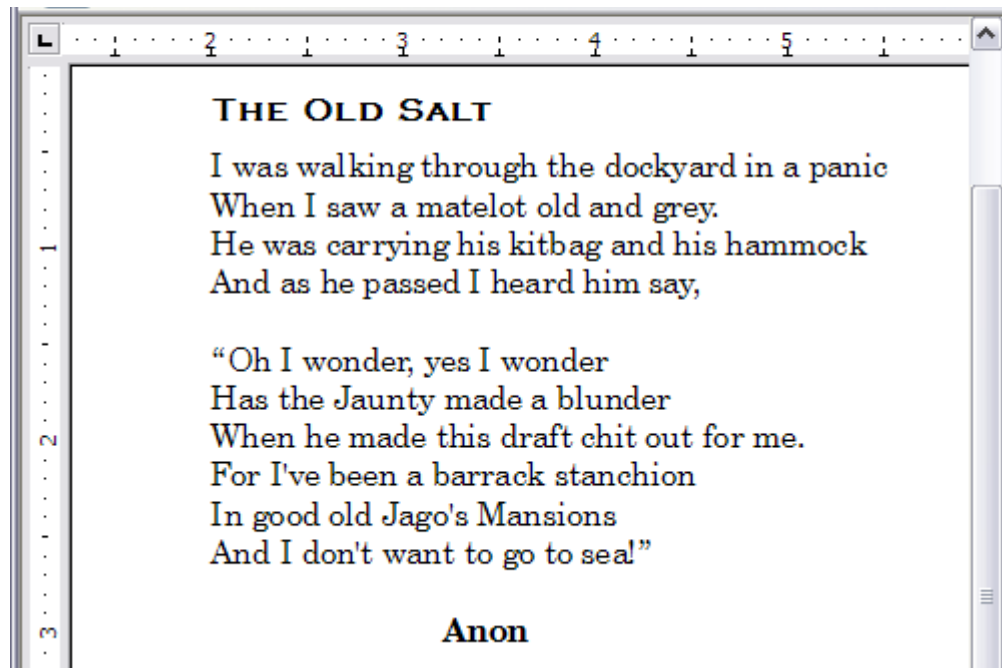


Figure 25. Final result, using three custom styles

Copying and moving styles

Styles are part of the document properties, therefore changes made to a style or new styles you create are only available within the document they belong to. Styles always stay with a document. So, for example, if you e-mail a document to another person, the styles go with it.

If you want to reuse modified or new styles in other documents, you need to either save the styles in a template (see Chapter 10) or copy the styles into the document where you want to use them.

You can copy or move styles from one template or document to another in two ways:

- Using the Template Management dialog box.
- Loading styles from a template or document (see page 5).

To copy or move styles using the Template Management dialog box:

- 1) Click **File > Templates > Organize**.
- 2) At the bottom of the Template Management dialog box (Figure 26), choose either **Templates** or **Documents**, as needed. For example, if you are copying styles between two documents, both entries should say Documents.

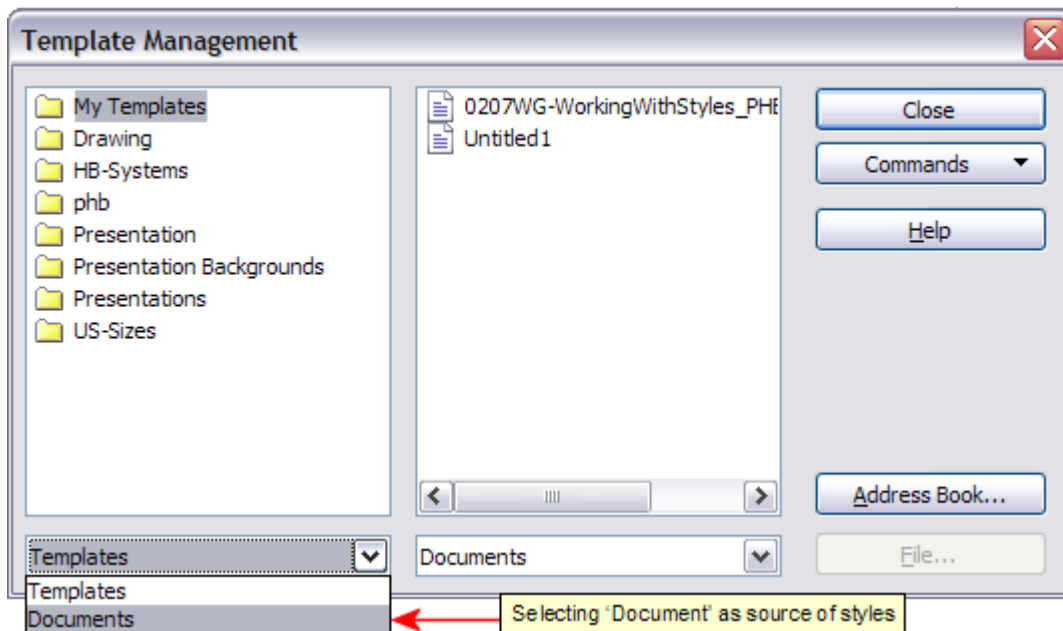


Figure 26: Choosing to copy styles from a document, not a template

- 3) To load styles from a file, click the **File** button. When you return to this window, both lists show the selected file, as well as all the currently open documents (Figure 27).

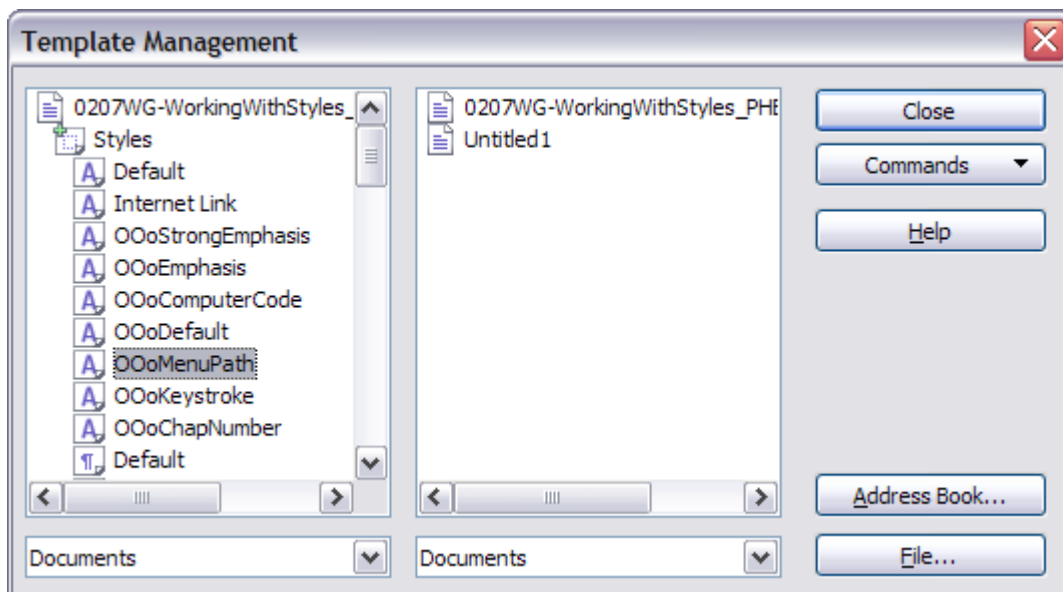


Figure 27: Copying a style from one document to another

- 4) Double-click on the name of the template or document and then double-click the **Styles** icon to show the list of individual styles.
- 5) To *copy* a style, hold down the *Control* key and drag the name of the style from one list to the other.
- 6) Repeat for each style you want to copy or move. When you are finished, click **Close**.

Caution

If you do not hold down the *Control* key when dragging, the style will be moved from one list to the other. The style will be deleted from the list you are dragging it from.

Deleting styles

It is not possible to delete OOo's predefined styles from a document or template, even if they are not in use. However, custom styles can be deleted.

To delete an unwanted style, right-click on it in the Styles and Formatting window and choose **Delete**. If the style is in use, the message shown in Figure 28 appears.

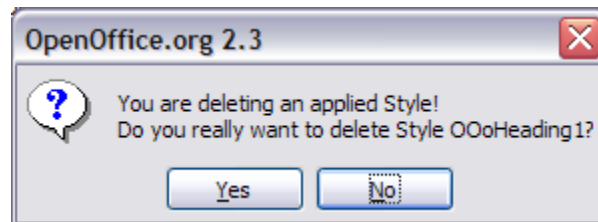


Figure 28. Deleting an applied style

Caution

Make sure the style is not in use before deletion. Otherwise, all objects with that style will return to the Default style and retain their formatting as manual formatting. This can be very problematic in a long document.

Tip

If an unwanted style is in use, use **Find & Replace** to replace it with a substitute style before deleting it.

If the style is not in use, the message shown in Figure 29 appears.

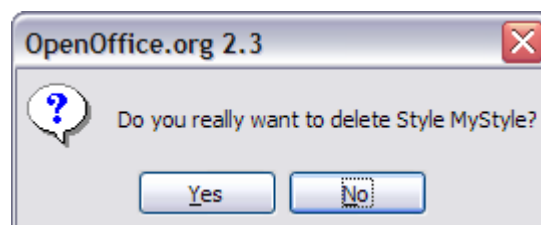


Figure 29. Deleting a style that is not in use

Assigning styles to shortcut keys

You can configure shortcut keys to quickly assign styles in your document. Some shortcuts are predefined, such as *Ctrl+1* for the *Heading 1* paragraph style and *Ctrl+2* for *Heading 2*. You can modify these shortcuts and create your own.

- 1) Click **Tools > Customize > Keyboard**.
- 2) On the *Keyboard* page of the Customize dialog box (Figure 30), choose the shortcut keys you want to assign a style to. In this example, we have chosen *Ctrl+9*.

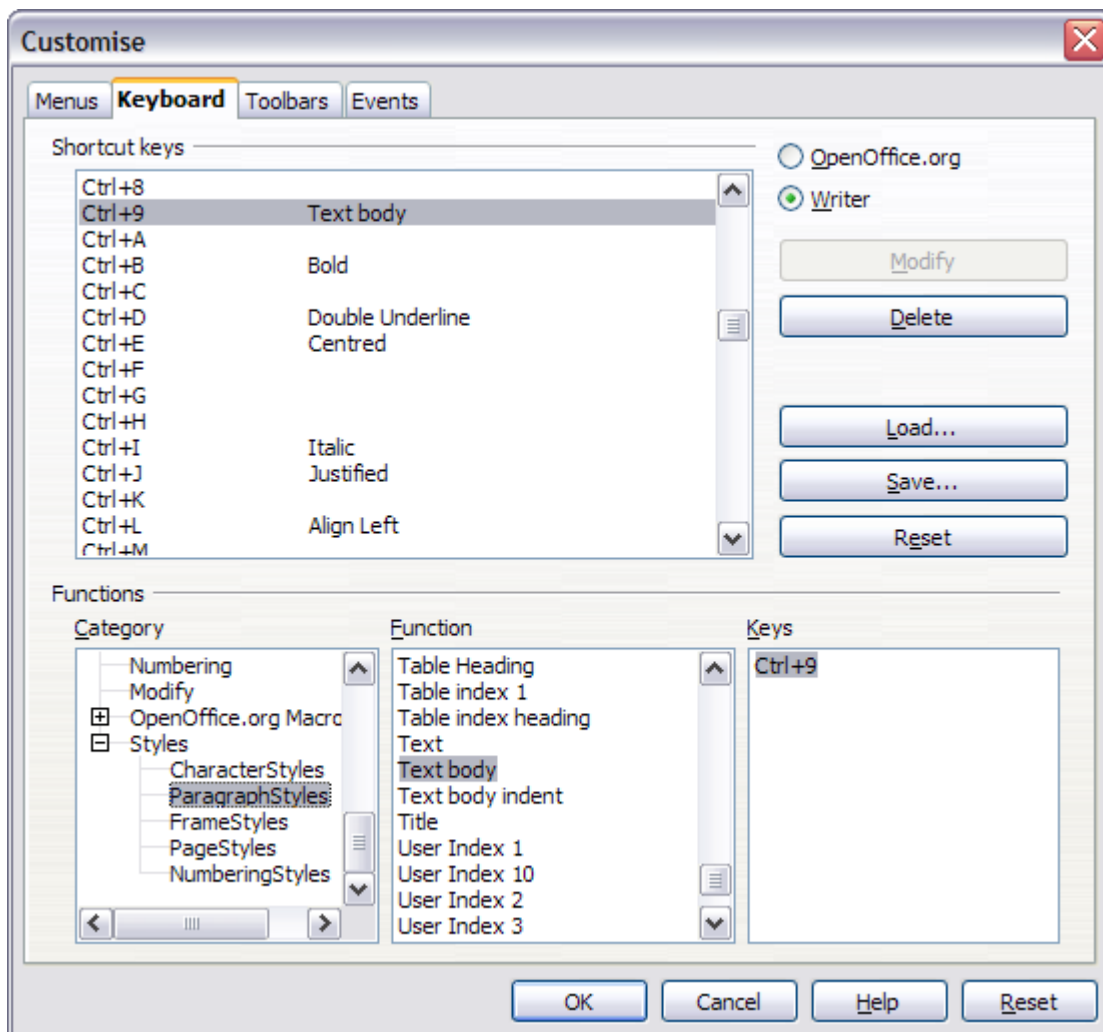


Figure 30. Defining keyboard shortcuts for applying styles

- 3) In the *Functions* section at the bottom of the dialog box, scroll down in the *Category* list to **Styles**. Click the + sign to expand the list of styles.
- 4) Choose the category of the style. The *Function* list will display the names of the available styles for the selected category. The example in Figure 30 shows some of the OOo predefined paragraph styles.
- 5) To assign **Ctrl+9** to the *Text Body* paragraph style, select **Text Body** in the *Function* list, and then click **Modify**. **Ctrl+9** now appears in the *Keys* list.
- 6) When you are done assigning shortcuts, click **OK** to close the dialog box.

Currently, the only way to use *Alt* key or multikey combinations is through a macro. See [AltKeyHandler.sxw](http://homepages.paradise.net.nz/hillview/OOo/) and [KeyHandler.sxw](http://homepages.paradise.net.nz/hillview/OOo/), available from <http://homepages.paradise.net.nz/hillview/OOo/>.

Defining a hierarchy of headings

Tools > Outline Numbering defines the hierarchy of headings in a document. Headings can be numbered or not; typically the first-level headings in a book-length document are the next level of headings after the chapter titles, which may be numbered, but lower-level headings are not numbered. Some chapter title and heading styles (such as those commonly used in engineering documents) number each chapter and heading level, for example 1, 1.1, 1.2, 2, 2.1, and so on. When chapters or sections are added or deleted, the numbering is automatically changed.

Paragraph styles are the key to OOO's outline numbering feature. The default paragraph styles assigned to outline levels are the heading styles supplied with OOO: *Heading 1*, *Heading 2*, and so on. However, you can substitute any styles you wish, including custom (user-defined) styles.

The headings defined using the outline numbering feature can be used for more than the table of contents (described in Chapter 12). For example, fields are commonly used to display headings in headers and footers of pages (see [insert reference]), and Writer can send the outline to Impress to use as the basis for a presentation (see the *Impress Guide* for details).

Choosing paragraph styles for outline levels

If you are using the default heading styles for the headings in your outline, and you do not want to use heading numbering, you do not need to do anything on the Outline Numbering dialog box. The default outline numbering scheme uses the default heading styles (Heading 1, Heading 2, and so on).

To use custom styles in place of one or more of the default heading styles:

- 1) Click **Tools > Outline Numbering** to open the Outline Numbering dialog box (Figure 31).

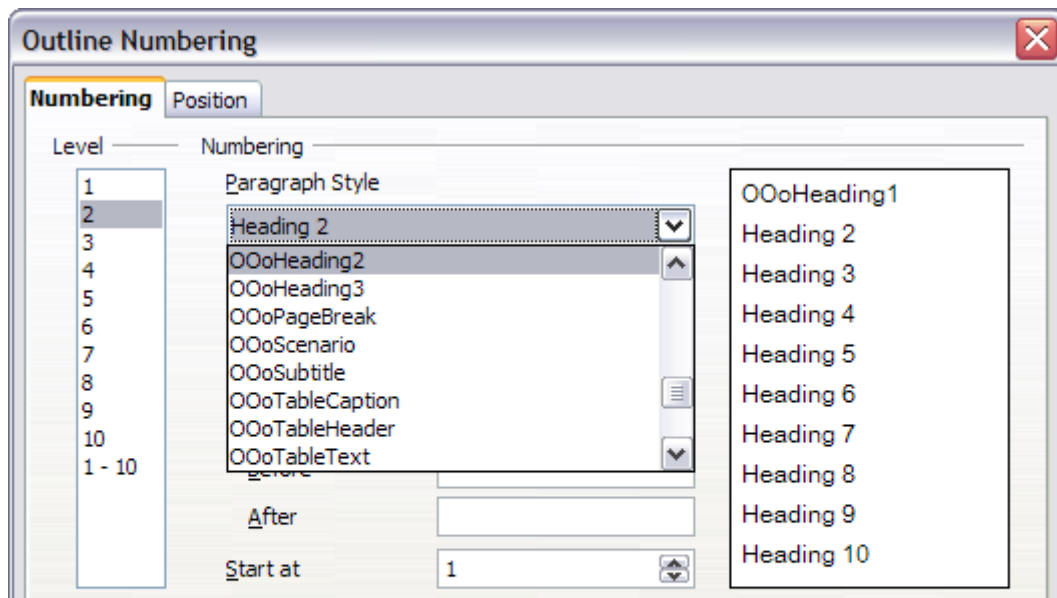


Figure 31: Choosing paragraph styles for outline levels

- 2) Click the number in the *Level* box corresponding to the heading for which you want to change the paragraph style.
- 3) In the *Numbering: Paragraph Style* section, choose from the drop-down list the paragraph style you want to assign to that heading level. For example, when setting up a chapter in the

Writer Guide, you would click **Level 1** and choose **OOoHeading1** (a custom style defined for the OOoAuthors project) to replace **Heading 1** and for **Level 2**, **OOoHeading2** to replace **Heading 2**.

4) Repeat for each outline level that you want to change. Click **OK** when done.

Setting up heading numbering

If you want one or more heading levels to be numbered, many choices are available; this example defines a scheme to create headings that look like those in Figure 32.

- ```

1 This is a Heading 1
 1.1 This is a Heading 2. It has far too many words in it, so it wraps
 around to the next line.
 1.2 Another Heading 2
 1.2.1 This is a Heading 3
 1.2.2 Another Heading 3
2 Another Heading 1
 2.1 Another Heading 2
 2.1.1 Another Heading 3
 2.2 Another Heading 2
3 Another Heading 1

```

Figure 32: The numbering scheme to be set up.

Use the **Numbering** page of the Outline Numbering dialog box to define the numbering scheme and its appearance. Figure 33 shows the default settings in the Outline Numbering dialog box.

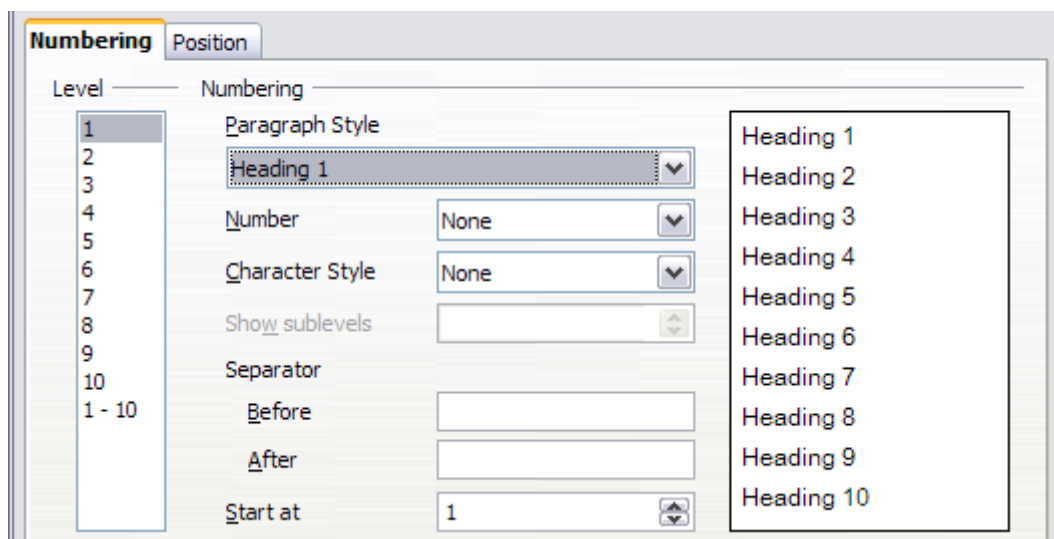


Figure 33: Default settings on the Outline Numbering dialog box.

- 1) In the *Level* list, choose **1**. In the *Number* list, choose **1, 2, 3, ...**. The result is shown in the preview box on the right (see Figure 34).

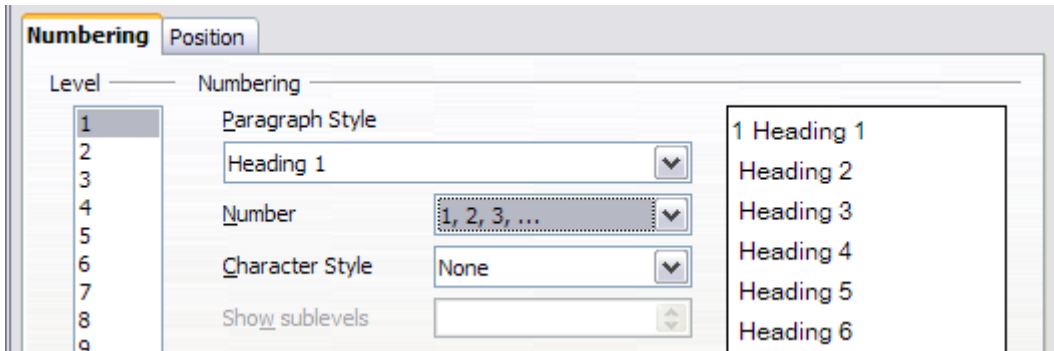


Figure 34: Specifying numbering of Level 1 headings.

- 2) In the *Level* list, choose **2**. In the *Number* list, choose **1, 2, 3, ...**. The *Show sublevels* list is now active; it should show **2** (if not, choose **2**). The result is shown in Figure 35.

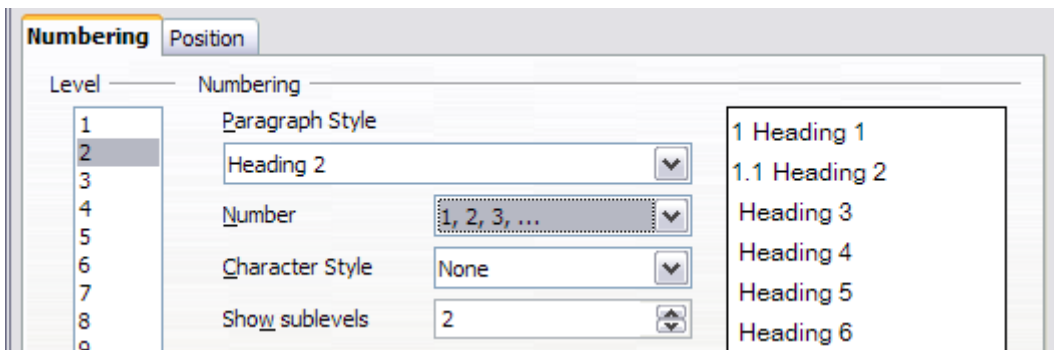


Figure 35: Specifying numbering of Level 2 headings.

- 3) In the *Level* list, choose **3**. In the *Number* list, choose **1, 2, 3, ...**. The *Show sublevels* list should show **3** (if not, choose **3**). The result is shown in Figure 36.

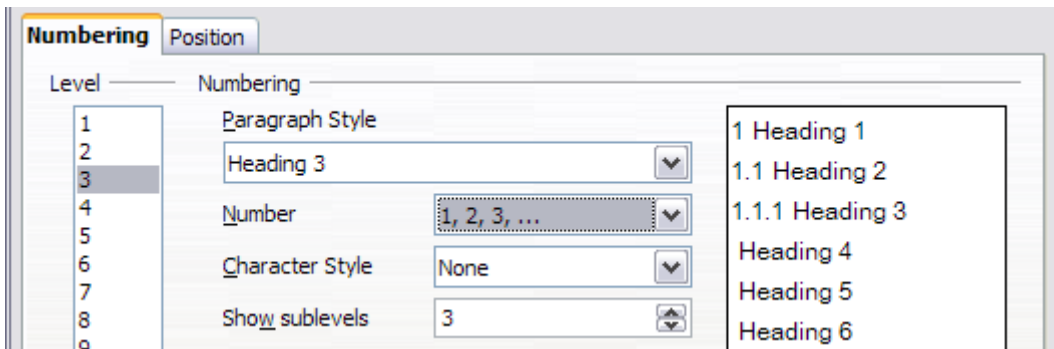


Figure 36: Specifying numbering of Level 3 headings.

These choices produce the layout shown in Figure 37.

```

1 This-is-a-Heading-1¶
¶
1.1 This-is-a-Heading-2-It-has-far-too-many-words-in-it-so-it-wraps
around-to-the-next-line.¶
¶
1.1.1 This-is-a-Heading-3¶

```

Figure 37: Results of numbering choices for headings

## Setting up the indentation of headings

Whether or not the headings are numbered, you may want to change some of their formatting. For example, you may want the second-level and third-level headings to be indented from the margin. For numbered headings, you may also want the second line of long headings to line up with the first word of the heading, not the number. For these changes, use the **Position** page of the Outline Numbering dialog box. Figure 38 shows the default version of this page.

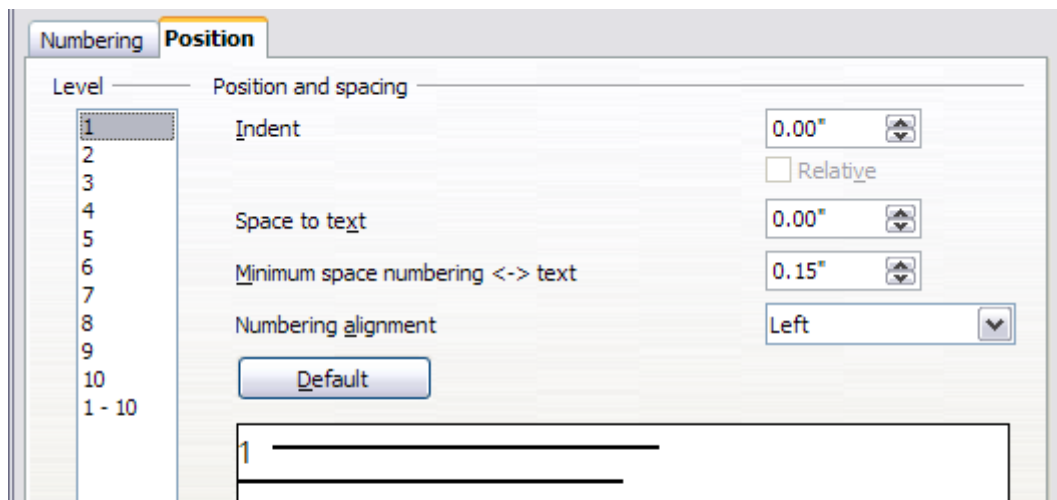


Figure 38: Default settings on Position page of Outline Numbering dialog box

- 1) In the *Level* list, choose 2. Change the value for *Indent* as shown in Figure 39. You may want to use a different value. Notice how the preview area at the bottom of the dialog box has changed. This change indents the entire heading but does not affect the way long headings wrap around; see Figure 40.

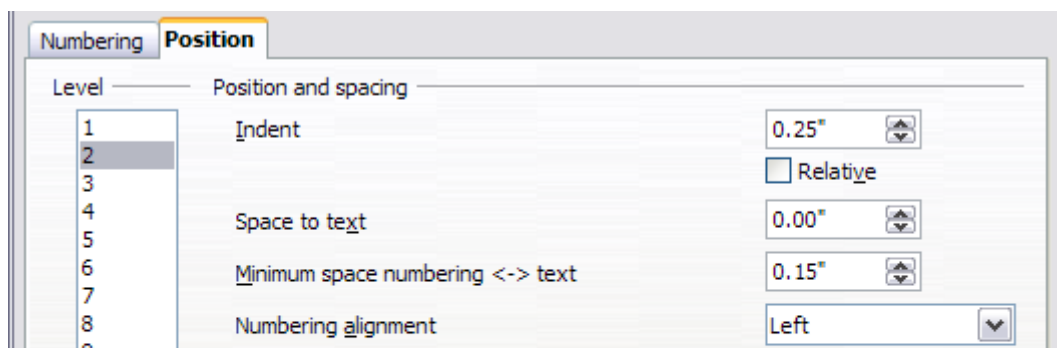


Figure 39: Indenting Level 2 headings.



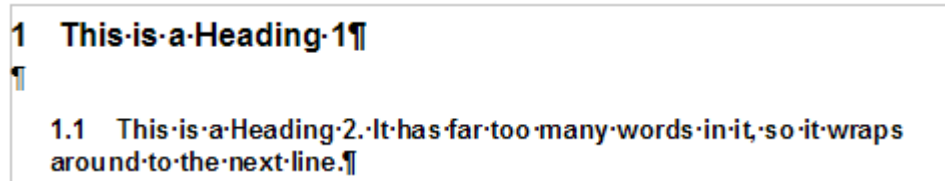


Figure 40: Result of changes to indentation of Level 2 headings

- 2) To change the wrapping behavior of long headings, change the value of *Space to text*, as shown in Figure 41. The result is shown in Figure 42.

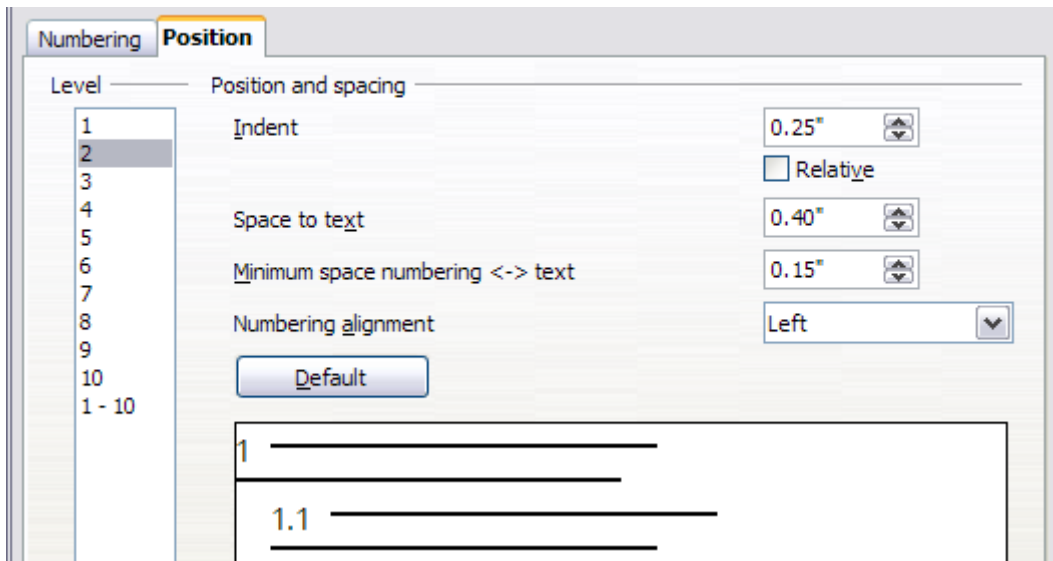


Figure 41: Changing the *Space to text* value to wrap long headings.

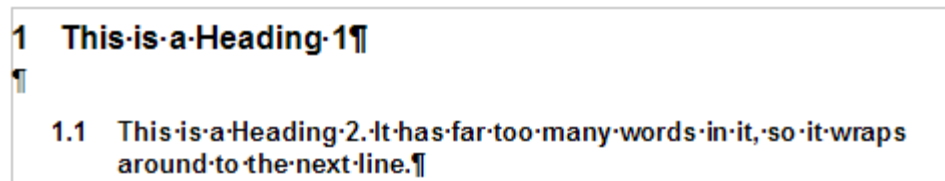


Figure 42: Result of changing *Space to text* value.

- 3) In the *Level* list, choose **3**. Change the value for *Indent* as shown in Figure 43. You may also wish to change the *Space to text* value. The final result is shown in Figure 32.

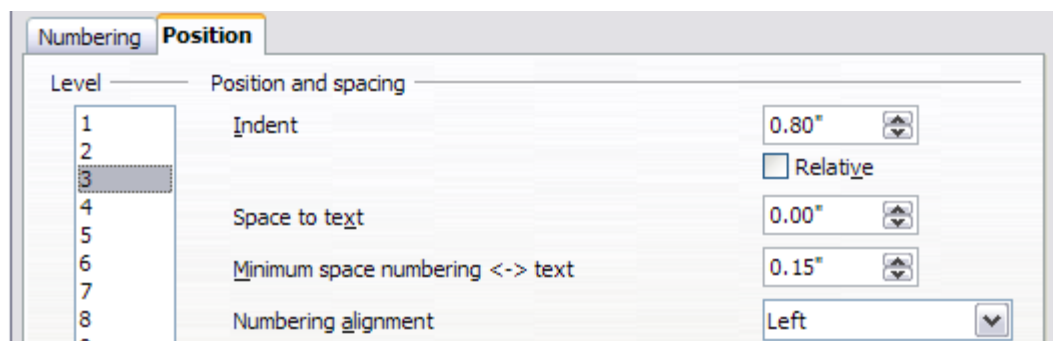


Figure 43: Indenting Level 3 headings.