

Writer Guide

Chapter **3** Working with Text

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Introduction

This chapter covers the basics of working with text in Writer, the wordprocessing component of OpenOffice.org (OOo). It assumes that you are familiar with the use of a mouse and keyboard and that you have read about Writer's menus and toolbars and other topics covered in Chapter 1 (Introducing Writer).

We recommend that you also follow the suggestions in Chapter 2 (Setting up Writer) about displaying formatting aids, such as end-ofparagraph marks, and selecting other setup options.

When you have read this chapter, you should know how to:

- Select, cut, copy, paste, and move text
- Find and replace text
- Insert special characters
- Format paragraphs and characters
- Create numbered or bulleted lists
- Check spelling, use the thesaurus, and choose hyphenation options
- Use the autocorrection, word completion, autotext, and line numbering features
- Track changes, undo and redo changes, and insert notes
- Link to other parts of a document

Selecting text

Before you can do anything with text, you need to select it. Selecting text in Writer is similar to selecting anything in other applications.

In addition to selecting blocks of text, you can select items that are not consecutive, and columns (vertical blocks) of text.

Selecting items that are not consecutive

To select nonconsecutive items (as shown in Figure 1) using the mouse:

- 1) Select the first piece of text.
- 2) Hold down the *Control (Ctrl)* key and use the mouse to select the next piece of text.
- 3) Repeat as often as needed.

Now you can work with the selected text (copy it, delete it, change the style, and so on).

Note Macintosh users: substitute the *Command* key when instructions in this chapter say to use the *Control* key.

To select nonconsecutive items using the keyboard:

- 1) Select the first piece of text. (For more information about keyboard selection of text, see the topic "Navigating and Selecting with the Keyboard" in the OpenOffice.org Help (*F1*).)
- 2) Press *Shift+F8*. This puts Writer in "ADD" mode. The word ADD appears on the Status Bar.
- 3) Use the arrow keys to move to the start of the next piece of text to be selected. Hold down the *Shift* key and select the next piece of text.
- 4) Repeat as often as needed.

Now you can work with the selected text.

Press *Esc* to exit from this mode.

The Country of the Blind

Three hundred miles and more from Chimboraze, one hundred from the snows of Cotopaxi, in the wildest wastes of Ecuador's Andes, there lies that mysterious mountain valley, cut off from all the world of men, the Country of the Blind. Long years ago that valley lay so far open to the world that men might come at last through frightful gorges and over an icy pass into its equable meadows, and thither indeed men came, a family or so of Peruvian half-breeds fleeing from the lust and tyranny of an evil Spanish ruler. Then came the stupendous outbreak of Mindobamba, when it was night in Quite for seventeen days, and the water was boiling at Yaguachi and all the fish floating dying even as far as Guayaquil; everywhere along the Pacific slopes there were land-slips and swift thawings and sudden floods, and one whole side of the old Arauce crest slipped and came down in thunder, and cut off the Country of the Blind for ever from the exploring feet of men. But one of these early settlers had chanced to be on the hither side of the gorges when the world had so terribly shaken itself, and he perforce had to forget his wife and his child and all the friends and possessions he had left up Figure 1: Selecting items that are not next to each other

Selecting a vertical block of text

You can select a vertical block or "column" of text that is separated by spaces or tabs (as you might see in text pasted from e-mails, program listings, or other sources), using OOo's block selection mode. To change to block selection mode, use **Edit > Selection Mode > Block Area**, or click several times in the status bar on STD until it changes to BLK.

English (USA) 100% INSRT STD

Now highlight the selection, using mouse or keyboard, as shown in Figure 2.

January	February	March¶
April	May	June¶
July	August	September¶
October	November	December¶

Figure 2: Selecting a vertical block of text

Cutting, copying, and pasting text

Cutting and copying text in Writer is similar to cutting and copying text in other applications. You can copy or move text within a document, or between documents, by dragging or by using menu selections, icons, or keyboard shortcuts. You can also copy text from other sources such as Web pages and paste it into a Writer document.

To *move* (cut and paste) selected text using the mouse, drag it to the new location and release it. To *copy* selected text, hold down the *Control* key while dragging. The text retains the formatting it had before dragging.

When you paste text, the result depends on the source of the text and how you paste it. If you click on the **Paste** icon, then the pasted text keeps its original formatting (such as bold or italics). Text pasted from Web sites and other sources may also be placed into frames or tables. If you do not like the results, click the **Undo** icon or press *Control+Z*.

To make the pasted text take on the formatting of the text surrounding where it is pasted, choose either:

- Edit > Paste Special, or
- Click the triangle to the right of the **Paste** icon, or
- Click the **Paste** icon without releasing the left mouse button.

Then select **Unformatted text** from the resulting menu.

The range of choices on the Paste Special menu varies depending on the origin and formatting of the text (or other object) to be pasted. See Figure 3 for an example with text on the clipboard.

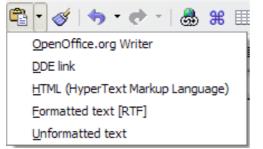


Figure 3: Paste Special menu

This example includes the formatting option *DDE link*. *DDE* is an acronym for Dynamic Data Exchange, a mechanism whereby selected data in document *A* can be pasted into document *B* as a linked, 'live' copy of the original. It would be used, for example, in a report written in Writer containing time-varying data, such as sales results sourced from a Calc spreadsheet. The DDE link ensures that, as the source spreadsheet is updated so is the report, thus reducing the scope for error and reducing the work involved in keeping the Writer document up to date.

Finding and replacing text

Writer has a Find and Replace feature that automates the process of searching for text inside a document. In addition to finding and replacing words and phrases, you can:

Use wildcards and regular expressions to fine-tune a search.

- Find and replace specific formatting.
- Find and replace paragraph styles.

To display the Find & Replace dialog box (Figure 4), use the keyboard shortcut Control+F or choose **Edit > Find & Replace** from the menu bar.

Type the text you want to find in the *Search for* box.

- 1) To replace the text with different text, type the new text in the *Replace with* box.
- You can select various options, such as matching the case, matching whole words only, or doing a search for similar words. (See below for some other choices.)
- 3) When you have set up your search, click **Find**. To replace text, click **Replace** instead.

Тір	If you click Find All , Writer selects all instances of the search text in the document. Similarly, if you click Replace All button, Writer replaces all matches.
Caution	Use Replace All with caution; otherwise, you may end up with some hilarious (and highly embarrassing) mistakes. A mistake with Replace All might require a manual, word-by-word search to fix, if not discovered in time to undo.

Find & Replace		×
<u>S</u> earch for a	~	Eind Find <u>A</u> ll
Re <u>p</u> lace with	•	Replace
Ma <u>t</u> ch case		
Less Options ▲ Current selection only Backwards	Help	<u>Close</u> Attri <u>b</u> utes
 Regular expressions Similarity search Search for Styles 	211	Format

Figure 4: Expanded Find & Replace dialog box

Find and replace specific formatting

A very powerful use of Find & Replace takes advantage of the format option. For example, you might want to replace underlined words with italics.

On the Find & Replace dialog box (with **More Options** displayed, as in Figure 4):

- 1) To search for text with specific formatting, enter the text in the *Search for* box. To search for specific formatting only, delete any text in the *Search for* box.
- 2) Click **Format** to display the Text Format (Search) dialog box. The tabs on this dialog box are similar to those on the Paragraph format and Paragraph Style dialog boxes.
- 3) Choose the formats you want to search for and then click **OK**. The names of selected formats appear under the *Search for* box. For example, you might search for all text in 14-point bold Helvetica.
- 4) To replace text as well as formatting, type the replacement text in the *Replace with* box.

To search for specific text with specific formatting (for example, the word **hello** in bold), specify the formatting, type the text in the *Search for* box and leave the *Replace with* box blank.

To remove specific character formatting, click **Format**, select the **Font** tab, then select the opposite format (for example, No Bold). The **No Format** button on the Find & Replace dialog box clears all previously selected formats.

5) Click Find, Find All, Replace, or Replace All

Тір

Unless you plan to search for other text using those same attributes, click **No Format** to remove the attributes after completing your search. If you forget to do this, you may wonder why your next search fails to find words you know are in the document.

Find and replace paragraph styles

If you combine material from several sources, you may discover that lots of unwanted paragraph styles have suddenly shown up in your document. To quickly change all the paragraphs of one (unwanted) style to another (preferred) style:

- 1) On the expanded Find & Replace dialog box (Figure 4), select **Search for Styles**. (If you have attributes specified, this option is labeled *Including Styles*.) The *Search for* and *Replace with* boxes now contain a list of styles.
- 2) Select the styles you want to search for and replace.
- 3) Click **Find, Find All, Replace**, or **Replace All**.

Repeat steps 2 and 3 for each style that you want to replace.

Use wildcards (regular expressions)

Wildcards (also known as *regular expressions*) are combinations of characters that instruct OOo how to search for something. Regular expressions are very powerful but not very intuitive. They can save time and effort by combining multiple finds into one.

Table 1 shows a few of the regular expressions used by OOo.

TipThe online help describes many more regular expressions and
their uses.

Note	To search for a character that is defined as a wildcard, type a backslash (\) before the character. For example, to find the text
	5.00, you would conduct a search using 5.00 .

To use wildcards and regular expressions when searching and replacing:

- 1) On the Find & Replace dialog box, click **More Options** to see more choices. On this expanded dialog box (Figure 4), select the **Regular expressions** option.
- 2) Type the search text, including the wildcards, in the *Search for* box and the replacement text (if any) in the *Replace with* box. Not all regular expressions work as replacement characters; the line break (\n) is one that does work.
- 3) Click **Find, Find All**, **Replace**, or **Replace All** (not recommended).

To find	Use this expression	Examples and comments
Any single character	•	b.d finds <i>bad</i> , <i>bud</i> , <i>bid</i> , and <i>bed</i> .
One of the specified characters	[xyz]	b <mark>[iu]</mark> n finds <i>bin</i> and <i>bun</i> .
Any single character in this range	[x-y]	[r-t]eed finds <i>reed</i> , <i>seed</i> , and <i>teed</i> ; ranges must be in alphabetically ascending order.
Any single character except the characters inside the brackets	[^x]	p [^a] st finds <i>post</i> and <i>pest</i> , but not past.
The beginning of a word	\ <start< td=""><td>\<log< b=""> finds <i>logbook</i> and <i>logistics</i>, but not <i>catalog</i>.</log<></td></start<>	\<log< b=""> finds <i>logbook</i> and <i>logistics</i>, but not <i>catalog</i>.</log<>
The end of a word	end >	<pre>log\> finds catalog, but not logistics.</pre>
A paragraph marker	\$	Does not work as a replacement character. Use \n instead.
A line break	\n	Finds a line break that was inserted with <i>Shift+Enter</i> . When used as a replacement character, it inserts a paragraph marker.

Table 1. Examples of search wildcards (regular expressions)

Inserting special characters

A "special" character is one not found on a standard English keyboard. For example, $\[mathbb{C}\]$ ³/₄ $\[mathbb{a}\]$ $\[mathbb{c}\]$ $\[mathbb{n}\]$ $\[mathbb{c}\]$ $\[mathbb{c}\]$

- 1) Place the cursor in your document where you want the character to appear.
- 2) Click **Insert > Special Character** to open the Special Characters dialog box (Figure 5).

Sp	ecia	l Cha	aract	ters														
E	ont		Tin	nes Ne	ew Ro	oman		~	<u>S</u> ubs	et		Bas	sic Gre	eek			~	ОК
	•	۰		~		`	1	~	•		;	•	-	A	•	Έ		Cancel
	Н	Ί	ΰ	Υ	Ω	î	Α	В	Γ	Δ	Е	Ζ	Η	Θ	Ι	K		Help
	Λ	Μ	Ν	[1]	0	П	Р	Σ	Т	Y	Φ	Х	Ψ	Ω	Ï	Ÿ		
	ά	έ	ή	í	ΰ	α	β	γ	δ	8	ζ	η	θ	ι	κ	λ		<u>D</u> elete
	μ	ν	ξ	0	π	ρ	ς	σ	τ	υ	φ	χ	Ψ	ω	ï	ΰ		
	ó	ΰ	Ó	Ë	Ъ	ŕ	Э	S	Ι	Ï	J	љ	њ	ħ	Ŕ	ў		$\left(3 \right)$
	Ų	Α	Б	В	Γ	Д	Е	Ж	3	И	Й	Κ	Л	Μ	Η	0		
	П	Р	С	Т	У	Φ	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	~	U+03B5
6	harac	ters:	αβγ	50														\smile

Figure 5: The Special Characters dialog box, where you can insert special characters

3) Select the characters (from any font or mixture of fonts) you wish to insert, in order; then click **OK**. The selected characters are shown in the lower left of the dialog box. As you select each character, it is shown on the lower right, along with the numerical code for that character.

Тір	Notice that the characters selected appear in the bottom-left corner of the dialog box.
Note	Different fonts include different special characters. If you do not find a particular special character you want, try changing the <i>Font</i> selection.

Inserting non-breaking spaces and hyphens

Non-breaking spaces

To prevent two words from being separated at the end of a line, press *Control+spacebar* after the first word.

Non-breaking hyphen

You can use a non-breaking hyphen in cases where you do not want the hyphen to appear at the end of a line, for example in a number such as 123-4567. To insert a non-breaking hyphen, press Shift+Control+minus sign.

Inserting en and em dashes

To enter en and em dashes, you can use the *Replace dashes* option under **Tools > AutoCorrect > Options** (Figure 14). This option replaces two hyphens, under certain conditions, with the corresponding dash.

In the following table, the A and B represent text consisting of letters A to z or digits 0 to 9.

Text that you type:	Result
A - B (A, space, minus, space, B)	A – B (A, space, en-dash, space, B)
A B (A, space, minus, minus, space, B)	A – B (A, space, en-dash, space, B)
AB (A, minus, minus, B)	A—B (A, em-dash, B)
A-B (A, minus, B)	A-B (unchanged)
A -B (A, space, minus, B)	A -B (unchanged)
AB (A, space, minus, minus, B)	A –B (A, space, en-dash, B)

Another means of inserting en or em dashes is through the **Insert > Special Characters** menu. Select the **U+2013** or **U+2014** character, respectively.

A third method uses keyboard shortcuts. These shortcuts vary depending on your operating system.

TipYou can also record macros to insert en and em dashes and
assign those macros to unused key combinations, for example
Ctrl+Shift+N and *Ctrl+Shift+M*. For more information, see
Chapter 17 (Customizing Writer).

Windows

Tip

Hold down one of the Alt keys and type on the numeric keypad: 0150 for an en dash or 0151 for an em dash. The dash appears when you release the Alt key.

On a keyboard with no numeric keypad, use a Fn (Function) key combination to type the numbers. (The Fn key is usually to the right of the left-hand Ctrl key on the keyboard.)

For example, on a US keyboard layout, the combination for an en dash should be Alt+Fn+mjim and for an em dash it should be Alt+Fn+mjij.

Linux

Hold down the *Compose* key and type two hyphens and a period for an en dash, or three hyphens for an em dash. The dash appears when you release the *Compose* key.

Tip The key that operates as a *Compose* key varies with the Linux distribution. It is usually one of the *Alt* or *Win* keys, but may be another key, and should be user-selectable.

Mac OS X

Hold down the *Option* (*Alt*) key and type a hyphen for an en dash. For an em dash, the combination is *Shift+Option+Hyphen*.

Formatting paragraphs

You can apply many formats to paragraphs using the buttons on the Formatting toolbar. Figure 6 shows the Formatting toolbar as a floating toolbar, customized to show only the buttons for paragraph formatting.

Tip It is highly recommended that you use *paragraph styles* rather than manually formatting paragraphs, especially for long or standardized documents. For information on the advantages of styles and how to use them, see Chapters 6 and 7.

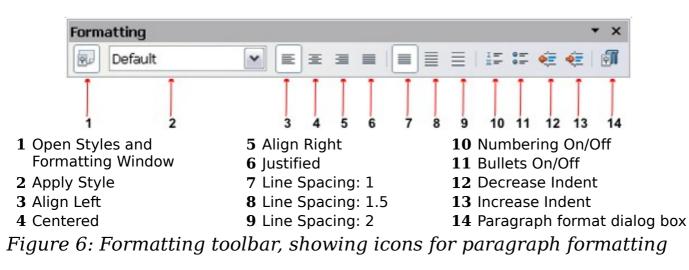
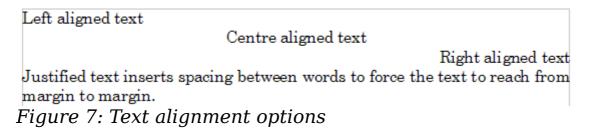


Figure 7 shows examples of the text alignment options.



When using justified text, the last line is by default aligned to the left; however, if so desired, you can also align the last line to the center of the paragraph area or justify it so that spaces are inserted between the words in order to fill the whole line. In the case where the last line consists of a single word, you can also have this word stretched to cover the whole line. Figure 8 shows an example of the effect obtained when setting each of these options.

Four options are available for the alignment of the last line of a paragraphs with justified alignment applied.

Four options are available for the alignment of the last line of a paragraphs with justified alignment applied.

Four options are available for the alignment of the last line of a paragraphs with justified alignment applied. This is an example. Four options are available for the alignment of the last line of a paragraphs with justified alignment

a p p l i e d Figure 8: Four choices for the last line of a justified paragraph

These options are controlled in the *Alignment* page of the **Format > Paragraph** dialog box (see Figure 9).

Indents & Spacing Alignment	Text Flow	Numbering	Tabs	Drop Caps	Borders
Options <u>Left</u> Righ <u>t</u> <u>C</u> enter Justified					
<u>L</u> ast line <u>E</u> xpand single word	Left Left Centered Justified	~			

Figure 9: Options for the last line of a justified paragraph

Setting tab stops and indents

The horizontal ruler shows both the default tab stops and any tab stops that you have defined. Tab settings affect indentation of full paragraphs (using the Increase Indent and Decrease Indent icons on the Formatting toolbar) as well as indentation of parts of a paragraph (by pressing the *Tab* key on the keyboard).

Using the default tab spacing can cause formatting problems if you share documents with other people. If you use the default tab spacing and then send the document to someone else who has chosen a different default tab spacing, tabbed material will change to use the other person's settings. This may cause major formatting problems. Instead of using the defaults, define your own tab settings, as described in this section.

To define indents and tab settings for one or more selected paragraphs, double-click on a part of the ruler that is not between the left and right indent icons to open the *Indents & Spacing* page of the Paragraph dialog box. Double-click anywhere between the left and right indent icons on the ruler to open the *Tabs* page of the Paragraph dialog box (Figure 10).

A better strategy is to define tabs for the paragraph *style*. See Chapters 6 and 7 for more about paragraph styles.

Numbering	Tabs	Drop Caps	Background	Borders
osition	Туре		(New
0.00"	● Left		L	New
	Right		_	Delete <u>A</u> ll
	Centred		-	<u>D</u> elete
	O Deci <u>m</u> al		1	
	Character			
	Fill character			
	None			
	O <u>.</u>			
	0			
	0			
	O Character			

Figure 10: Specifying tab stops and fill characters

Тір	Using tabs to space out material on a page is not recommended. Depending on what you are trying to accomplish, a table is usually a better choice.
-----	--

Changing the default tab stop interval

	Any changes to the default tab setting will affect the existing
Note	default tab stops in any document you open afterward, as well
	as tab stops you insert after making the change.

To set the measurement unit and the spacing of default tab stop intervals, go to **Tools > Options > OpenOffice.org Writer > General**.

Settings		
Measurement unit	inch	~
<u>T</u> ab stops	0.50*	٢

Figure 11: Selecting a default tab stop interval

You can also set or change the measurement unit for rulers in the current document by right-clicking on the ruler to open a list of units, as shown in Figure 12. Click on one of them to change the ruler to that unit. The selected setting applies only to that ruler.

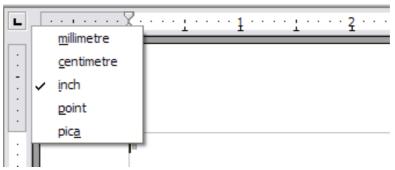


Figure 12: Ruler showing default tab stops

Formatting characters

You can apply many formats to characters using the buttons on the Formatting toolbar. Figure 13 shows the Formatting toolbar as a floating toolbar, customized to show only the buttons for character formatting.

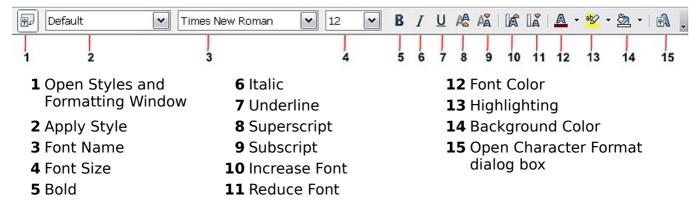


Figure 13: Formatting toolbar, showing icons for character formatting

It is highly recommended that you use character styles rather than manually formatting characters. For information on styles and how to use them, see Chapters 6 and 7.

TipTo remove manual formatting, select the text and click FormatTip> Default Formatting or right-click and select DefaultFormatting from the pop-up menu.

Autoformatting

Writer can be set to automatically format parts of a document according to the choices made on the *Options* page of the AutoCorrect dialog box (**Tools > AutoCorrect Options**). See Figure 14.

AutoCorrect	X
Replacements and exceptions for language: English (UK)	
Replace Exceptions Options Custom Quotes Word Completion	
	ור
✓ URL Recognition ✓ Replace 1st with 1^st ✓ Replace 1/2 with ½ ✓ Replace dashes ✓ Delete spaces and tabs at beginning and end of paragraph Delete spaces and tabs at end and start of line ✓ Ignore double spaces ✓ Apply numbering - symbol: • ✓ Create table	
Edit [M]: Replace while modifying existing text [T]: AutoFormat/AutoCorrect while typing	
OK Cancel <u>H</u> elp <u>R</u> ese	t

Figure 14: Autoformat choices on the Options page of the AutoCorrect dialog box

The Help describes each of these choices and how to activate the autoformats. Some common unwanted or unexpected formatting changes include:

- Horizontal lines. If you type three or more hyphens (---), underscores (___) or equal signs (===) on a line and then press *Enter* the paragraph is replaced by a horizontal line as wide as the page. The line is actually the lower border of the preceding paragraph.
- Bulleted and numbered lists. A bulleted list is created when you type a hyphen (-), asterisk (*), or plus sign (+), followed by a space or tab at the beginning of a paragraph. A numbered list is created when you type a number followed by a period (.), followed by a space or tab at the beginning of a paragraph. Automatic numbering is only applied to paragraphs formatted with the *Default, Text body* or *Text body indent* paragraph styles.

TipIf you notice unexpected formatting changes occurring in your
document, this is the first place to look for the cause.

To automatically format the file according to the options you have set, choose **Format > AutoCorrect** and select or deselect the items on the submenu.

While Typing

Automatically formats the document while you type.

Apply

Automatically formats the document.

Apply and Edit Changes

Automatically formats the file and then opens a dialog box where you can accept or reject the changes.

AutoCorrect Options

Opens the AutoCorrect dialog (Figure 14).

Creating numbered or bulleted lists

There are several ways to create numbered or bulleted lists:

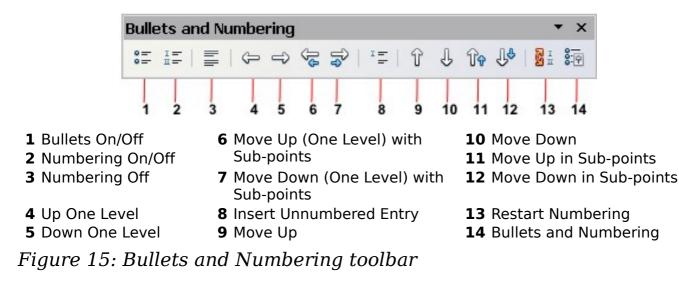
- Use autoformatting, as described above.
- Use list styles, as described in Chapter 7 (Working with Styles).
- Use the **Numbering** and **Bullets** icons on the paragraph formatting toolbar (see Figure 6). This method is described here.

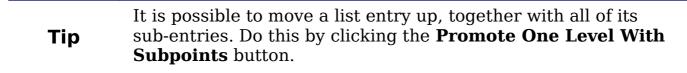
To produce a numbered or bulleted list, select the paragraphs in the list and then click on the appropriate icon on the toolbar.

NoteIt is a matter of personal preference whether you type your
information first, then apply Numbering/Bullets or apply these
as you type.

Using the Bullets and Numbering toolbar

You can create a nested list (where one or more list items has a sublist under it, as in an outline) by using the buttons on the *Bullets and Numbering* toolbar (Figure 15). You can move items up or down the list, create subpoints, and even change the style of bullets.





If you create a nested list using the predefined styles, all the levels of the list (up to 10) apply the same numbering (or bullet), however in many circumstances you will want to use a combination of numbering formats and bullets when creating a nested lists. Such lists with a mixture of numbering formats and bullets can be easily configured as described in the following example. Additional information on lists and in particular the technique to create your own list style is described in Chapter 7 (Working with Styles).

Тір	 When creating nested lists, one option is to enter all the list paragraphs first and apply the levels afterwards. You can use keyboard shortcuts to move paragraphs up or down the outline levels. Place the cursor at the beginning of the numbered paragraph and press: Tab Down a level Shift+Tab Up a level
	To insert a tab stop at the beginning of a numbered paragraph (that is, after the number but before the text), press <i>Control+Tab</i> .

Example: configuring a nested list

We will use a numbering style to produce the following effect:

- I. Level-1 list item
 - A. Level-2 list item

i. Level-3 list item

a) Level-4 list item

This example uses one of the supplied styles, *Numbering 1*, however if you intend to reuse this type of nested list you can also create a new style as illustrated in Chapter 7 (Working with Styles).

- 1) Open the Styles and Formatting window and click the List Styles icon at the top. Rightclick on the Numbering 1 style and choose **Modify** from the pop-up menu. (See Figure 16.)
- 2) On the Numbering Style dialog box, go to the *Outline* page (Figure 17), where you will find that one style matches our requirements. Click once on that style.

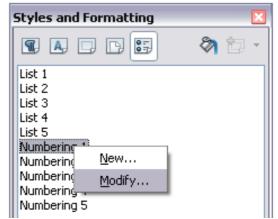


Figure 16: Modifying a list style

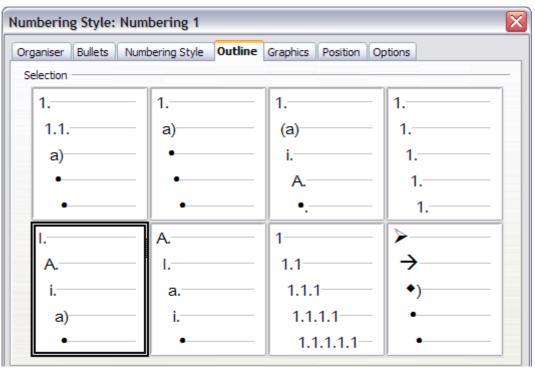


Figure 17: Choosing a predefined outline-numbering style

3) To modify the layout of the list, use the *Options* tab (Figures 18 and 19). Notice that the preview on the right shows the outline selected. In the *Level* box on the left, select **1**, then **2**, **3**, and **4** and see how the information in the *Numbering* and *After* boxes changes.

Use the *Options* page to set different punctuation; for example, a period (full stop) after "a" on level 4 instead of a parenthesis.

Numbering	Style: Numbering 1				
Organiser	Bullets Numbering Style	Outline Graphics	Position	Options	
Format — <u>L</u> evel					
1	Numbering	I, II, III,	~	I	٦
3	<u>B</u> efore			A	
4	After	•		i.	
6 7	<u>C</u> haracter Style	Numbering Symbols	~	a)	

Figure 18: Checking the outline numbering for level-1 list items

mbering S	tyle: Numbering 1				
rganiser Bu	Illets 🗍 Numbering Style	Outline Graphics	Position	Options	
Format			_		
<u>L</u> evel					
1	<u>N</u> umbering	A, B, C,	~		
3	Before			A	
4 5	After	•		i.	
6	Character Style	Numbering Symbols	~	a)	

Figure 19: Numbering style for level-2 list items

To make the indentation at each level greater or less than the default, change it on the *Position* page. Select the level, then make any changes in the indentation, spacing, or numbering alignment.

4) Repeat for each level as required, then click **OK**.

TipWith outline numbering you can define different bullet styles
for the different levels of a bullet list. Use the *Bullets* tab of the
Bullets and Numbering dialog box (not shown) to select the
basic style. Return to the *Options* tab to customize the bullet
for each indent level. Here you can set bullets to any
character. See the *Graphics* tab for more bullets.

Using footnotes and endnotes

Footnotes appear at the bottom of the page on which they are referenced. Endnotes are collected at the end of a document.

To work effectively with footnotes and endnotes, you need to:

- Insert footnotes.
- Define the format of footnotes.
- Define the location of footnotes on the page; see Chapter 4 (Formatting Pages).

Inserting footnotes/endnotes

To insert a footnote or an endnote, put the cursor where you want the footnote/endnote marker to appear. Then select **Insert > Footnote** from the menu bar or click the **Insert Footnote Directly** or **Insert Endnote Directly** icon on the Insert toolbar (see Figure 20).



Figure 20: Using the Insert Footnote Directly icon on the toolbar

A footnote (or endnote) marker is inserted in the text, and the cursor is relocated to the footnote area at the bottom of the page (or to the endnote area at the end of the document). Type the footnote or endnote content in this area.

If you use **Insert > Footnote**, the Insert Footnote dialog box (Figure 21) is displayed. Here you can choose whether to use the automatic numbering sequence specified in the footnote settings and whether to insert the item as a footnote or an endnote.

Insert Footnote	
Numbering <u>Automatic</u>	 ОК
O <u>C</u> haracter	Cancel
	 Help
Type <u>F</u> ootnote	
○ <u>E</u> ndnote	

Figure 21: Inserting a footnote directly

If you use the **Insert Footnote Directly** or **Insert Endnote Directly** icon, the footnote or endnote automatically takes on the attributes previously defined in the Footnote Settings dialog box (Figure 22).

You can edit an existing footnote or endnote the same way you edit any other text.

To delete a footnote or endnote, delete the footnote marker. The contents of the footnote or endnote are deleted automatically, and the numbering of other footnotes or endnotes is adjusted automatically.

Defining the format of footnotes/endnotes

To format the footnotes themselves, click **Tools > Footnotes**. On the Footnote Settings dialog box (Figure 22), choose settings as required. The *Endnotes* page has similar choices.

Footnote S	ettings						X
Footnotes	Endnotes						
AutoNumb	ering —	_					
Num <u>b</u> eri	ng	1, 2, 3,	•••	•	<u>S</u> tart at	1	*
Counting	,	Per pag	e	~			
<u>B</u> efore					<u>A</u> fter		
Position		⊙ <u>E</u> nd	of page				
		O End	of docume	ent			
Styles	_			Char	acter Styles		
Paragrap	ph Foot	note	~	Tey	<u>(</u> t area	Footr	note anchor 🛛 💌
Page	Foot	note	~	<u>F</u> oc	otnote area	Footr	note Characters 💌
Continuatio	on notice -	_	_				
End of fo	ootnote						
Star <u>t</u> of	next page						

Figure 22: Defining footnote formatting

Checking spelling and grammar

Writer provides a spelling checker, which can be used in two ways.

AutoSpellcheck checks each word as it is typed and displays a wavy red line under any misspelled words. When the word is corrected, the red wavy line disappears.

To perform a separate spelling check on the document (or a text selection) click the **Spelling and Grammar** button. This checks the document or selection and opens the Spelling and Grammar dialog box (Figure 37) if any misspelled words are found.

Here are some more features of the spelling checker:

- You can right-click on a word with a wavy underline, to open a powerful context menu. If you select from the suggested words on the menu, the selection will replace the misspelled word in your text. Other menu options are discussed below.
- You can change the dictionary language (for example, Spanish, French, or German) on the Spelling and Grammar dialog box.
- You can add a word to a dictionary. Click **Add** in the Spelling and Grammar dialog box and pick the dictionary to add it to.
- Click the **Options** button on the Spelling and Grammar dialog box to open a dialog box similar to the one in **Tools > Options > Language Settings > Writing Aids** described in Chapter 2. There you can choose whether to check uppercase words and words with numbers, and you can manage custom dictionaries, that is, add or delete dictionaries and add or delete words in a dictionary.

Spelling and Grammar: Er	nglish (USA)	×
\sim		
Text languag <u>e</u>	🍄 English (USA)	~
Not in dictionary		
brifly		Ignore Once Ignore All ✓
Suggestions briefly		
brieny briskly brightly brimful		Change Change All AutoCor <u>r</u> ect
🗹 Check grammar		
Help		do Cl <u>o</u> se

Figure 23: Selecting a word from dictionary using the Spelling and Grammar dialog box

Writer does not include a grammar checker, but you can install an extension such as Language Tool and access it from **Tools > Spelling and Grammar**. (See Chapter 17 for more about installing extensions.)

Language Tool adds a new menu item and submenu to the Tools menu, from which you can configure the tool and check or recheck the document. Figure 24 shows an example of the Language Tool extension in use.

Spelling and Grammar: Er	nglish (USA) [Language	Tool]	
	Langua	geToc	
Text languag <u>e</u>	🥙 English (USA) 💌	
Not in dictionary			
Let's see what happens when	their is a mistake.		Ignore Once
Suggestions there			
		Did you mean "there"?	Change
Check grammar			
	Ogtions	Undo	Cl <u>o</u> se

Figure 24: The Language Tool extension

Using built-in language tools

Writer provides some tools that make your work easier if you mix multiple languages within the same document or if you write documents in various languages.

The main advantage of changing the language is that you can then use the correct dictionaries to check spelling and apply the localized versions of Autocorrect replacement tables, thesaurus, and hyphenation rules.

You can also set the language for a paragraph or a group of characters as **None**. This option is especially useful when you insert text such as web addresses or programming language snippets that you do not want to check for spelling. Specifying the language in character and paragraph styles is the preferred method, because styles allow a greater level of control and make changing the language much faster. On the Font tab of the Paragraph Styles dialog box, you can specify that certain paragraphs be checked in a language that is different from the language of the rest of the document. See Chapter 7 (Working with Styles) for information on how to manage the language settings of a style.

However, starting with OpenOffice.org 3.0, you can set the language for the whole document, for individual paragraphs, or even for individual words and characters, all from **Tools > Language** on the menu bar.

For selection

Applies a specified language to the selected text (the selection can be as short as a few characters or as long as several paragraphs).

For paragraph

Select this option to apply the specified language to the paragraph where the cursor is located.

For all text

Select this option to apply the specified language to all the document.

Another way to change the language of a whole document is to use **Tools > Options > Language Settings > Languages**. In the *Default languages for documents* section (Figure 25), you can choose a different language for all the text.

Western	🍪 English (USA)	~
<u>A</u> sian	[None]	~
CŢL	[None]	~
	Eor the current docume	ent only

Figure 25: Options available in the Languages settings



Unlike the menu tool that applies to the individual document, a change in the default language from the **Options** dialog box is a general change of settings of OOo and will therefore apply to all the documents created in the future. If you want to change the language for the current document only, be sure to select the *For the current document only* option. The spelling checker works only for those languages in the list which have the symbol rext to them. If you do not see this symbol next to your preferred language, you can install the dictionary using **Tools > Languages > More dictionaries online**.

The language used for checking spelling is also shown in the status bar, next to the page style in use.

Using the thesaurus

The thesaurus gives alternative words and phrases. Select the word or phrase you want to find more choices for and select **Tools** > **Language** > **Thesaurus** or press *Control*+*F7*. Click on a meaning to show alternative words and phrases for that meaning of the word. For example, when given the word "house", the thesaurus offers several meanings, including "dwelling", "legislature", and "sign of the zodiac". If you click on "dwelling", you will see "dwelling", "home", "domicile", "abode", and other alternatives, as shown in Figure 26.

If the current language does not have a thesaurus installed.

Thesaurus (English (UK))		
Variations <u>W</u> ord	<u>R</u> eplace	ОК
house	✓ house	Cancel
Meaning	Sy <u>n</u> onym	<u>S</u> earch
(noun) dwelling (generic terr (noun) legislature (generic terr (noun) building (generic terr	erm) 📄 home (generic term)	Language
(noun) family	abode (generic term) habitation (generic term)	Help

Figure 26: The thesaurus offers alternatives to words

Hyphenating words

You have several choices regarding hyphenation: let Writer do it automatically (using its hyphenation dictionaries), insert conditional hyphens manually where necessary, or don't hyphenate at all. Each choice has its pros and cons.

Automatic hyphenation

To turn automatic hyphenation of words on or off:

1) Press *F11* to open the Styles and Formatting window (Figure 27). On the *Paragraph Styles* page, right-click on **Default** and select **Modify**.

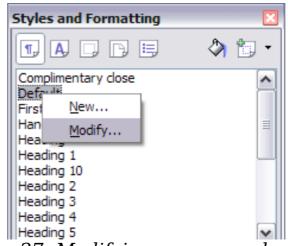


Figure 27: Modifying a paragraph style

2) On the Paragraph Style dialog box, select the **Text Flow** tab (Figure 28).

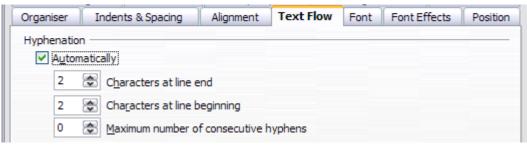


Figure 28: Turning on automatic hyphenation

- 3) Under *Hyphenation*, select or deselect the **Automatically** option.
- 4) Click **OK** to save.

Turning on hyphenation for the *Default* paragraph style affects all other paragraph styles that are based on *Default*. You can individually change other styles so that hyphenation is not active; for example, you might not want headings to be hyphenated. Any styles that are not based on *Default* are not affected. For more on paragraph styles, see Chapter 6 (Introduction to Styles) and Chapter 7 (Working with Styles).

You can also set hyphenation choices through **Tools > Options > Language Settings > Writing Aids**. In *Options,* near the bottom of the dialog box, scroll down to find the hyphenation settings (see Figure 29).

Options	
Minimum number of characters for hyphenation: 5 Characters before line break: 2 Characters after line break: 2 Hyphenate without inquiry Hyphenate special regions	E <u>d</u> it

Figure 29: Setting hyphenation options

To change the minimal number of characters for hyphenation, the minimum number of characters before a line break, or the minimum number of characters after a line break, select the item, and then click the **Edit** button in the Options section.

Hyphenate without inquiry

Specifies that you will never be asked to manually hyphenate words that the hyphenation dictionary does not recognize. If this box is not selected, when a word is not recognized, a dialog box will open where you can manually enter hyphens.

Hyphenate special regions

Specifies that hyphenation will also be carried out in footnotes, headers, and footers.

Hyphenation options set on the Writing Aids dialog box are effective only if hyphenation is turned on through paragraph styles.

Choices on the Writing Aids dialog box for *Characters before line* break and *Ccharacters after line break* override settings in paragraph styles for *Characters at line end* and *Characters at line begin*.

Manual hyphenation

To manually hyphenate words, *do not* use a normal hyphen, which will remain visible even if the word is no longer at the end of a line when you add or delete text or change margins or font size. Instead, use a *conditional hyphen*, which is visible only when required.

To insert a conditional hyphen inside a word, click where you want the hyphen to appear and press *Control+hyphen*. The word will be hyphenated at this position when it is at the end of the line, even if automatic hyphenation for this paragraph is switched off.

Using AutoCorrect

Writer's AutoCorrect function automatically corrects a long list of common misspellings and typing errors. For example, "hte" will be changed to "the".

Select **Tools > AutoCorrect Options** to open the AutoCorrect dialog box. There you can define what strings of text are corrected and how. In most cases, the defaults are fine.

AutoCori	ect									×
Replaceme	nts <u>a</u> nd excep	otions for la	inguage:	Englis	h (Austr	alia) 💌				
Replace	Exceptions	Options	Custom Q	Juotes	Word C	ompletion				
Replace	,	<u>W</u> ith:			✓ Te	ext only				
		-							New	
		-							<u>D</u> elete	5
>		→ →							Delete	
(C) (R)		© R								
(tm)		тм								
<-		÷								
< <>		← ⇔								
<->		↔ ↔								
abotu		about								
abouta	3	about	а							
abouti		about								
abscer		absend								
acceso		access								
accida		accider	nt modate							
accom							~			
							-			
			(ОК		Cancel		<u>H</u> elp		<u>R</u> eset

Figure 30: Replace tab of AutoCorrect dialog box

AutoCorrect is turned on when Writer is installed. To turn it off, uncheck **Format > AutoCorrect > While Typing**.

To stop Writer replacing a specific spelling, go to the **Replace** tab, highlight the word pair, and click **Delete**.

To add a new spelling to the list, type it into the *Replace* and *With* boxes on the Replace tab, and click **New**.

See the different pages of the dialog box for the wide variety of other options available to fine-tune AutoCorrect.

Using word completion

If Word Completion is enabled, Writer tries to guess which word you are typing and offers to complete this word for you. To accept the suggestion, press *Enter*. Otherwise, continue typing.

To turn off Word Completion, select **Tools > AutoCorrect Options > Word Completion** and deselect **Enable word completion**.

You can customize word completion from the **Word Completion** tab (Figure 31).

- Add (append) a space automatically after an accepted word.
- Show the suggested word as a tip (hovering over the word) rather than completing the text as you type.
- Collect words when working on a document, and then either save them for later use in other documents or select the option to remove them from the list when closing the document.
- Change the maximum number of words remembered for word completion and the length of the smallest words to be remembered.
- Delete specific entries from the word completion list.
- Change the key that accepts a suggested entry—the options are *right arrow, End* key, *Enter* (*Return*), *Space bar,* and *Tab*.

AutoCorrect	×
Replacements and exceptions for language: En	glish (Australia) 🛛 🔽
Replace Exceptions Options Custom Quotes Image: Completion Image: Completion Image: Completion Image: Completion Image: Complex space Image: Completion Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Complex space Image: Co	government parliament parliamentarian Secretariat
Accept with Enter Min. word length 10 Max. entries	
500 😒	Delete Entry

Figure 31: Customizing word completion

Note Automatic word completion only occurs after you type a word for the second time in a document.

Using AutoText

AutoText allows you to assign text, tables, graphics, and other items to a key combination. For example, rather than typing "Senior Management" every time you use that phrase, you just have to type "sm" and press F3. You can also save graphics or tables (such as a formatted Tip like the one on this page) as AutoText.

To assign some text to an AutoText shortcut:

- 1) Type the text into your document.
- 2) Select the text.
- 3) Go to **Edit > AutoText** (or press *Control+F3*).
- 4) Enter a name for your shortcut. Writer will suggest a one-letter shortcut, which you can change.
- 5) Click the **AutoText** button on the right of the AutoText dialog box and select **New (text only)** from the menu.
- 6) Click **Close** to return to your document.

To insert AutoText, type the shortcut and press F3.

TipIf the only option under the AutoText button is Import, either
you have not entered a name for your AutoText or there is no
text selected in the document.

AutoText is especially powerful when assigned to fields. See Chapter 14 (Working with Fields) for more information.

Line numbering

Line numbering puts line numbers in the margin. The line numbers are displayed on screen and are printed. Figure 32 shows an example with numbering on every line.

Click **Tools > Line Numbering** and select the **Show numbering** option in the top left corner. Then click **OK**.

$1 \\ 2$	Line numbering puts line numbers in the mat are printed. Figure 1 shows an example with
3	Click• Tools•> ·Line•Numbering•and•select•th
4	corner.•Then•click•OK.¶
5	You·can·choose·how·many·lines·are·numbere
6	numbering·type·and·whether·numbers·restart
Figure 32	2: Line numbering example

You can choose how many lines are numbered (for example, every line or every tenth line), the numbering type and whether numbers restart on each page. In addition, a text separator (any text you choose) can be set on a different numbering scheme (one every 12 lines, for example). See Figure 33.

Line Numbering		
Show numbering View		ОК
Character Style	Line numbering	Cancel
F <u>o</u> rmat	1, 2, 3,	Help
Position	Left 💌	
Spacin <u>a</u>	0.50cm	
Interval	5 🛞 lines	
Separator	Count	
<u>T</u> ext	✓ Blank lines	
Every 3 🚖 Lines	Lines in text frames	
	<u>R</u> estart every new page	

Figure 33: The Line Numbering dialog box

Tracking changes to a document

You can use several methods to keep track of changes made to a document.

Make your changes to a copy of the document (stored in a different folder, under a different name, or both), then use Writer to combine the two files and show the changes you made. Click Edit > Compare Document. This technique is particularly useful if you are the only person working on the document, as it avoids the increase in file size and complexity caused by the other methods.

- Save versions that are stored as part of the original file. However, this method can cause problems with documents of nontrivial size or complexity, especially if you save a lot of versions. Avoid this method if you can.
- Use Writer's change marks (often called "redlines" or "revision marks") to show where you have added or deleted material or changed formatting. Later, you or another person can review and accept or reject each change.

TipNot all changes are recorded. For example, changing a tab
stop from align left to align right and changes in formulas
(equations) or linked graphics are not recorded.

Preparing a document for review

When you send a document to someone else to review or edit, you may want to prepare it first so that the editor or reviewer does not have to remember to turn on the revision marks. After you have protected the document, any user must enter the correct password in order to turn off the function or accept or reject changes.

- Open the document. To check whether it contains multiple versions, click File > Versions. If multiple versions are listed, save the current version as a separate document with a different name and use this new document as the review copy.
- 2) With the review copy open, make sure that change recording is turned on. The Edit > Changes > Record menu item has a check mark next to it when recording is turned on.
- 3) Click **Edit > Changes > Protect Records**. On the Enter Password dialog box, type a password (twice) and click **OK**.

NotePasswords must contain at least five characters. It is not
necessary to password protect the document while preparing it
for review.

Recording changes

See Chapter 2 (Setting up Writer) for instructions on setting up how your changes will be displayed.

To begin tracking (recording) changes, click Edit > Changes > Record. To show or hide the display of changes, click Edit > Changes > Show.

Тір	Hold the mouse pointer over a marked change; you will see a <i>Help Tip</i> showing the type of change, the author, date, and time of day for the change. If <i>Extended Tips</i> are enabled, you will also see any comments recorded for this change
	will also see any comments recorded for this change.

To enter a comment on a marked change, place the cursor in the area of the change and then click Edit > Changes > Comment. (See Figure 34.) In addition to being displayed as an extended tip, the comment is also displayed in the list in the Accept or Reject Changes dialog box.

Comment: Insertion	
Contents Author Peter Hillier-Brook, 24/10/2007 15 <u>T</u> ext	OK Cancel
A comment about some deleted text.	Help
Insert	

Figure 34: Inserting a comment during change recording

To move from one marked change to the next, use the arrow buttons. If no comment has been recorded for a change, the *Text* field is blank.

Tip See also "Adding other comments" on page 39 for a way to annotate text that is not associated with a recorded change.

3) To stop recording changes, click **Edit > Changes > Record** again.

Accepting or rejecting changes

- 1) Click **Edit > Changes > Accept or Reject**. The Accept or Reject Changes dialog box (Figure 35) opens.
- 2) When you select a change in the dialog box, the actual change is highlighted in the document, so you can see what the editor changed.

3) Click **Accept** or **Reject** to accept or reject the selected change. You can also click **Accept All** or **Reject All** if you do not want to review the changes individually.

Changes that have not yet been accepted or rejected are displayed in the list. Accepted changes are removed from the list and appear in the text without any marking.

st Filter				
Action	Author	Date	Comment	
Insertion	Peter Hillier-Brook	19/10/2007 19:06		
Deletion	Peter Hillier-Brook	19/10/2007 19:06		
Insertion	Peter Hillier-Brook	19/10/2007 19:06		
Deletion	Peter Hillier-Brook	19/10/2007 19:06		
Insertion	Peter Hillier-Brook	19/10/2007 19:06		c.
Deletion		19/10/2007 19:07		
Deletion		22/10/2007 18:48		
Insertion	Peter Hillier-Brook	22/10/2007 18:48		
Deletion	Peter Hillier-Brook	20/10/2007 19:46		
Insertion	Peter Hillier-Brook	20/10/2007 19:46		
Deletion	Peter Hillier-Brook	22/10/2007 23:07		
Insertion	Peter Hillier-Brook	22/10/2007 23:07		
Deletion	Peter Hillier-Brook	23/10/2007 22:28		_
Insertion	Peter Hillier-Brook	23/10/2007 22:28		1

Figure 35: The List tab of the Accept or Reject Changes dialog box

To show only the changes of certain people or only the changes on specific days or various other restrictions, use the *Filter* page (Figure 36) on the Accept or Reject Changes dialog box. After specifying the filter criteria, return to the *List* page to see those changes that meet your criteria.

<u>D</u> ate	earlier than	\sim	30/10/2007	\$ 20:56	0
		a <u>n</u> d	30/10/2007	\$ 20:56	۵
<u>A</u> uthor	Peter Hillier-Brook				~
Action	Insertion				¥
Comment	Insertion Deletion				
	Formats				
	Table Changes				

Figure 36: The Filter page of the Accept or Reject Changes dialog box

Merging modified documents

The processes discussed to this point are effective when you have one reviewer at a time. Sometimes, however, multiple reviewers all return edited versions of a document at the same time. In this case, it may be quicker to review all of these changes at once, rather than one review at a time. For this purpose, you can merge documents in Writer.

To merge documents, all of the edited documents need to have recorded changes in them.

- 1) Open one copy.
- 2) Click **Edit > Changes > Merge Document** and select and insert another copy of the document to be merged with the first.
- 3) After the documents merge, the Accept or Reject Changes dialog box opens, as in Figure 35, showing changes by more than one reviewer. If you want to merge more documents, close the dialog box and then repeat step 2.
- 4) Repeat until all copies are merged.

All recorded changes are now included in the open copy. Save this file under another name.

Comparing documents

Sometimes reviewers may forget to record the changes they make. This is not a problem with Writer because you can find the changes if you compare documents.

In order to compare documents, you need to have the original document and the one that is edited. To compare them:

- 1) Open the edited document. Select **Edit > Compare Document**.
- 2) The Insert dialog box appears. Select the original document and click **Insert**.

Writer finds and marks the changes and displays the Accept or Reject Changes dialog box. From this point, you can go through and accept or reject changes procedure as described earlier.

Adding other comments

Writer provides another type of comments (formerly called "notes"), which authors and reviewers often use to exchange ideas, ask for suggestions, or brainstorm during the review process. To insert a comment in the text, place the cursor in the place the comment refers to and select **Insert > comment** or press Ctrl+Alt+N. The anchor point of the comment is connected by a dotted line to a box on the right-hand side of the page where you can type the text of the comment. Writer automatically adds at the bottom of the comment the author's name and a time stamp indicating when the comment was created. Figure 37 shows an example of text with comments from two different authors.

Select **Tools > Options > User Data** to configure the name you want to appear in the Author field of the comment, or to change it.

If more than one person edits the document, each author is automatically allocated a different background color.

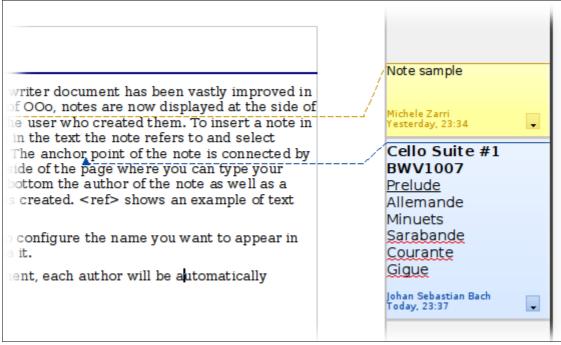


Figure 37: Comments in OOo 3

Right-clicking on a comment pops up a menu where you can delete the current comment, all the comments from the same author, or all the comments in the document. From this menu, you can also apply some basic formatting to the text of the comment. You can also change font type, size, and alignment from the main menu.

To navigate from one comment to another, open the Navigator (F5), expand the Comments section, and click on the comment text to move the cursor to the anchor point of the comment in the document. Right-click on the comment to quickly edit or delete it.

You can also navigate the comments using the keyboard. Use *Ctrl+Alt+Page Down* to move to the next comment and *Ctrl+Alt+Page Up* to move to the previous comment.

Linking to another part of a document

If you type in references to other parts of the document, those references can easily get out of date if you reorganize the order of topics, add or remove material, or reword a heading, Writer provides two ways to ensure that your references are up to date, by inserting links to other parts of the same document or to a different document:

- Hyperlinks
- Cross-references

The two methods have the same result if you *Control+click* the link when the document is open in Writer: you are taken directly to the cross-referenced item. However, they also have major differences:

- The text in a hyperlink does **not** automatically update if you change the text of the linked item (although you can change it manually), but changed text does automatically update in a cross-reference.
- When using a hyperlink, you do not have a choice of the content of the link (for example text or page number), but when using a cross-reference, you have several choices, including bookmarks.
- To hyperlink to an object such as a graphic, and have the hyperlink show useful text such as *Figure 6*, you need to either give such an object a useful name instead of leaving it as the default name ("Graphics6"), or you need to use the Hyperlink dialog to modify the visible text. In contrast, cross-references to figures with captions automatically show useful text, and you have a choice of several variations of the name.
- If you save a Writer document to HTML, hyperlinks remain active but cross-references do not. (Both remain active when the document is exported to PDF.)

Using cross-references

To ensure that references update if you reword a heading, caption, or other linked item, use automatic cross-references. See "Using automatic cross-references" in Chapter 14 (Working with Fields) for details.

Using bookmarks

Bookmarks are listed in the Navigator and can be accessed directly from there with a single mouse click. In HTML documents, bookmarks are converted to anchors that you can jump to by hyperlink. For more about bookmarks, see "Using bookmarks" in Chapter 14 (Working with Fields).

Using hyperlinks

When you type text (such as a website addresses or URL) that can be used as a hyperlink, and then press the spacebar or the *Enter* key, Writer automatically creates the hyperlink and applies formatting to the text (usually a color and underlining).

If this does not happen, you can enable this feature using **Tools > AutoCorrect > Options** and selecting the **URL Recognition** option.

If you do not want Writer to convert a specific URL to a hyperlink, choose **Edit > Undo Insert** from the menu bar or press Control+Z immediately after the formatting has been applied.

You can also insert hyperlinks using the Navigator and the Hyperlink dialog, and you can modify all hyperlinks using the Hyperlink dialog, as described in this section.

Hyperlinks between documents can be set as relative or absolute, using the **Save URLs relative to** option in **Tools > Options > Load/Save > General**.

Note Relative linking is only possible when the document you are working on and the link destination are on the same drive, and you need to create the same directory structure on your hard disk as will apply on the destination website.

OOo uses absolute path names internally, so when you move your mouse cursor over a hyperlink, the tooltip displays the absolute reference even when it is set to be a relative link.

Inserting hyperlinks using the Navigator

The easiest way to insert a hyperlink to another part of the same document is by using the Navigator:

- 1) Open the document containing the items you want to cross-reference.
- Open the Navigator (by clicking its icon, choosing View > Navigator, or pressing F5.
- 3) Click the arrow next to the **Drag Mode** icon, and select **Insert as Hyperlink**. (See Figure 38.)
- 4) In the list at the bottom of the Navigator, select the document containing the item that you want to cross-reference.

- 5) In the Navigator list, select the item that you want to insert as a hyperlink.
- 6) Drag the item to where you want to insert the hyperlink in the document. The name of the item is inserted in the document as an active hyperlink.

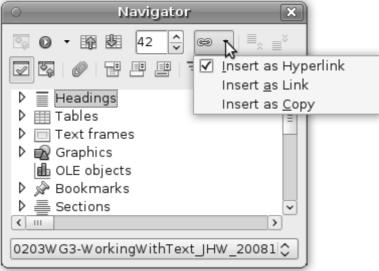


Figure 38: Inserting a hyperlink using the Navigator

You can also use the Hyperlink dialog to insert and modify hyperlinks within and between documents (see next page).

Inserting hyperlinks using a dialog box

To display the Hyperlink dialog box (Figure 39), click the **Hyperlink**

icon 🚵 on the Standard toolbar or choose **Insert > Hyperlink** from the menu bar. To turn existing text into a link, highlight it before opening the dialog box.

On the left hand side, select one of the four types of hyperlink:

- Internet: a web address, normally starting with http://
- Mail & News: for example an email address.
- **Document**: the hyperlink points to another document or to another place in the presentation.
- New document: the hyperlink creates a new document.

	Hyperlink type				
		⊙ <u>W</u> eb	○ ETP	O <u>T</u> elnet	
Internet	Target				A A A A A A A A A A A A A A A A
					0
Mail & News					
C	Further settings				
Document	Frame		Form	Text	 Image: Image: Ima
	Text				
	1000				
*	Name				

Figure 39. Hyperlink dialog box showing details for Internet links

The top right part of the dialog box changes according to your choice for the hyperlink type. A full description of all the choices, and their interactions, is beyond the scope of this chapter. Here is a summary of the most common choices used in presentations.

For an *Internet* type hyperlink, choose the type of hyperlink (choose between Web, FTP or Telnet), and enter the required web address (URL).

For a *Mail and News* type hyperlink, specify whether it is a mail or news link, the receiver address and for email, also the subject.

For a *Document* type hyperlink, specify the document path (the **Open File** button opens a file browser); leave this blank if you want to link to a target in the same presentation. Optionally specify the target in the document (for example a specific slide). Click on the **Target** icon to open the Navigator where you can select the target, or if you know the name of the target, you can type it into the box.

For a *New Document* type hyperlink, specify whether to edit the newly created document immediately or just create it (**Edit later**) and the type of document to create (text, spreadsheet, etc.). For a presentation, **Edit now** is the more likely choice. The **Select path** button opens a directory picker.

The *Further settings* section in the bottom right part of the dialog box is common to all the hyperlink types, although some choices are more relevant to some types of links.

• Set the value of **Frame** to determine how the hyperlink will open. This applies to documents that open in a Web browser.

- Form specifies if the link is to be presented as text or as a button.
- **Text** specifies the text that will be visible to the user.
- **Name** is applicable to HTML documents. It specifies text that will be added as a NAME attribute in the HTML code behind the hyperlink.
- **Event** button: this button will be activated to allow OOo to react to events for which the user has written some code (macro). This function is not covered in this book.

Editing hyperlinks

To edit a hyperlink, click anywhere in the link text and then open the Hyperlink dialog box by clicking the **Hyperlink** icon on the Standard toolbar or choosing **Edit > Hyperlink** from the menu bar. Make your changes and click **Apply**. If you need to edit several hyperlinks, you can leave the Hyperlink dialog box open until you have edited all of them. Be sure to click **Apply** after each one. When you are finished, click **Close**.

The standard (default) behavior for activating hyperlinks within OOo is to use *Ctrl+click*. This behavior can be changed in **Tools > Options > OpenOffice.org > Security > Options**, by deselecting the option **Ctrl-click required to follow hyperlinks**. If clicking in your links activates them, check that page to see if the option has been deselected.

To change the color of hyperlinks, go to **Tools > Options > OpenOffice.org > Appearance**, scroll to *Unvisited links* and/or *Visited links*, select those options, pick the new colors and click **OK**. Caution: this will change the color for *all* hyperlinks in *all* components of OpenOffice.org—this may not be what you want.

In Writer and Calc (but not Draw or Impress), you can also change the *Internet link* character style or define and apply new styles to selected links.

Switching between insert and overwrite mode

With the keyboard, press *Insert* to toggle between overwrite mode and insert mode. In insert mode, any text after the cursor position moves forward to make room for the text you type; in overwrite mode, text

after the cursor position is replaced by the text you type. The current mode is displayed on the Status Bar.

With the mouse, click in the area on the Status Bar that indicates the current mode in order to switch to the other mode.

Counting the words in a selection

Select a block of text and choose **Tools > Word Count**. OOo displays the number of words and characters in the selection as well as the number of words in the document. You can also see the number of words and characters (and other information) in the entire document in **File > Properties > Statistics**.