

Creating and Maintaining a Table of Contents, Index and Bibliography



Title:Creating and Maintaining a Table of Contents, Index and BibliographyVersion:1.0First edition:December 2004First EnglishDecember 2004

Contents

<u>Overview</u>	ii
Feedback	ii
Acknowledgments.	ii
Modifications and updates.	ii
Creating a table of contents.	1
Opening Writer's table of contents feature	1
Using the Index/Table tab	2
Using the Entries tab	4
Using the Styles tab.	6
Using the Columns tab	7
Using the Background tab	8
Saving the table of contents.	9
Maintaining a table of contents.	10
Editing a table of contents.	10
Updating a table of contents	10
Deleting a table of contents.	10
Creating an alphabetic index.	11
Adding index entries.	11
Inserting an index into the document.	
Generating the index.	
Modifying the display of index entries.	16
Viewing and editing existing index entries.	17
Creating and using other types of indexes.	
Creating a bibliography	19
Creating, adding and maintaining entries within a bibliographic database	
Adding a reference (citation) into a document.	22
Formating the bibliography.	
Generating the bibliography	
Updating and editing an existing bibliography	

Overview

This chapter shows you step-by-step how to create and maintain a table of contents, an index and a bibliography for a text document using OpenOffice.org Writer 1.1.X. To understand the instructions, you need to have a basic familiarity with Writer and styles.

Copyright and trademark information

The contents of this Documentation are subject to the Public Documentation License, Version 1.0 (the "License"); you may only use this Documentation if you comply with the terms of this License. A copy of the License is available at: <u>http://www.openoffice.org/licenses/PDL.rtf</u>.

The Original Documentation is Creating and Maintaining a Table of Contents, Index and Bibliography. The Initial Writer of the Original Documentation is Catherine Waterman © 2004. All Rights Reserved. (Initial Writer contact: sparkovich@att.net.)

Portions covering Index and Bibliographies created by Paul Miller are Copyright © 2004. All Rights Reserved. (Contact: <u>paul_m_nz@hotmail.com</u>.)

Contact the Initial Writers only to report errors in the documentation. For questions regarding how to use the software, subscribe to the Users Mail List and post your question there: <u>http://support.openoffice.org/index.html</u>.)

All trademarks within this guide belong to legitimate owners.

Feedback

Please direct any comments or suggestions about this document to: <u>authors@user-faq.openoffice.org.</u>

Acknowledgments

Thanks to Sophie Gautier, author of the French native-language document, *Comment insérer une Table des Matières*, which was used as a reference.

Many thanks to Jean Hollis Weber, who has provided, as a reference, details concerning creation and style for indexes and bibliographies.

Modifications and updates

Version	Date	Description of Change
1.0		First published edition.

Creating a table of contents

Writer's table of contents feature lets you build an automated table of contents from the headings in your document. Before you start, make sure that the headings in your document are styled consistently. For example, you can use the Heading 1 style for chapter titles and the Heading 2 and Heading 3 styles for chapter subheadings.

This section shows you how to:

- Open Writer's table of contents feature.
- Use Writer's table of contents feature to customize your document's table of contents.
- Save the table of contents.

Opening Writer's table of contents feature

To open Writer's table of contents feature and insert a new table of contents in your document, follow these steps:

- 1) Place the cursor at the point in your document when you want to insert the table of contents.
- From the main menu, choose Insert > Indexes and Tables > Indexes and Tables. The Insert Index/Table window opens.

	Index/Table	Entries	Styles	Columns	Backgr	ound		
Beading I	Type and title							
Headug I	Title							
	Туре	Table of Co	ontents	*				
Heading 1	27	Prote	cted agai	nst <u>m</u> anual	changes			
This is a dire content from the first chapter. This is a user directory entry.	Create index/	table						
Heading 1.1 This is the coastel from chapter 1.1. This is the eatry for the table of coatests.	f <u>o</u> r	Entire docu	ument	•	<u>E</u> valuate	up to level		10 🕂
	Create from -			- 19				
Heading 1.2	✓ Outline			.411				
This is the contest from chapter 1.2. This keyword is a main estry.	Addition	ial Styles						
	🗖 Inde <u>x</u> m	- 4						
	I_ inde <u>x</u> m	arks						
Table (- Thu is table (9							
				к	Cancel	<u>H</u> elp	Reset	Preview

3) Click the Index/Table tab if it isn't already displayed.

Figure 1. Index/Table tab of Insert Index/Table dialog

The Insert Index/Table window (Figure 1) has five tabs. All of them can be used when creating a table of contents:

- Use the Index/Table tab to set the attributes of the table of contents.
- Use the Entries and Styles tabs to format the entries in the table of contents.
- Use the **Background** tab to add color or a graphic to the background of the table of contents.
- Use the Columns to put the table of contents into a number of individual columns

The preview box, located on the left-hand side of each tab, shows as you work how the table of contents will look. (If you don't see the preview box, select the **Preview** checkbox in the lower right-hand corner of the window.)

Using the Index/Table tab

Use the Index/Table tab, pictured in Figure 1, to set the attributes of the table of contents.

Setting basic attributes

To set the basic attributes of the table of contents:

- 1) From the **Type** drop-down list in the *Type and title* area of the tab, select **Table of Contents** if it isn't already selected.
- 2) From the drop-down list in the *Create index/table* area, select Entire document. There is an additional option to create a table for just the current chapter. For more information refer to Help > Contents.
- 3) In the Create from area, check the Outline checkbox.
- 4) In the Create from area, clear the Index marks checkbox.

Adding a title

If you'd like the table of contents to have a title, enter it in the **Title** field. (If Writer entered a title in this field automatically, you can change it by simply typing over the value.) To delete the title, clear the **Title** field.

Protecting against manual changes

To protect the table of contents from being changed accidentally, select the **Protected against manual changes** checkbox. If this box is checked, the table of contents can only be changed using the context menu or the Insert Table/Index window. If the box isn't checked, the table of contents can be changed directly on the document page, just like other text.

Changing the number of levels

By default, Writer evaluates 10 levels of headings when it builds the table of contents. To change the number of levels evaluated, enter the desired number in the **Evaluate up to level** spin box.

Assigning custom styles

Writer automatically assigns to the table of contents all paragraphs formatted with the default heading styles (Heading 1, Heading 2, and so on). To assign paragraphs formatted with custom styles, follow these steps:

- 1) In the Create from area, select the Additional Styles checkbox.
- Click the (...) button to the right of the checkbox. The Assign Styles window (Figure 2) opens.

Not applied	1	2	3	4	5	6	7	8	9	10		OK
Caption												Cancel
Contents 1 Contents 2												Halp
Contents 3											-	<u>H</u> elp
Contents Heading												
Default												
Heading												
Heading 1												
Heading 2												
Heading 3												
Index List												
Text body												
increased.												

Figure 2. Assign Styles window

- 3) In the **Not applied** column, click the style that you want to assign to the table of contents.
- 4) Use the >> button to move the selected style to the desired outline level. For example, if you want paragraphs formatted with the selected style to appear as top-level entries in the table of contents, click the >> button once to move the style into the 1 column. To move the style in the opposite direction, use the << button.</p>
- 5) Click **OK** to save your changes and return to the Index/Table tab, or click **Cancel** to return without saving your changes.

Using the Entries tab

Use the **Entries** tab, pictured in Figure 3, to format the entries in the table of contents. For each outline level, you can add and delete elements, such as chapter numbers, and you can also apply character styles to individual elements.

	Index/Table Entries Styles Columns Background
eading I	Level Structure and Formatting
Headusg I J	2 <u>Structure</u> E# E T #
leading 1	3 Chapter no. Entry text. Tab stop Page no. Hyperlink
This is the content from the first chapter. This is a user directory entry.	5 6 Character Style <none> Edita</none>
Heading 1.1 This is the cost of from chapter I.J. This is the eatry for the table of costeats.	9 10
Heading 1.2 Thrans the content from chapter 1.3. Thrakeyword is a stand entry.	Format 🔽 Tab position relati <u>v</u> e to Paragraph Style indent
Table 1: The is table 1	

Figure 3. Entries tab of Insert Index/Table dialog

To begin, click a level number in the **Level** column to select the outline level whose elements you want to format. (You'll be able to apply your changes to all outline levels later.) The Structure line displays the elements for entries in that level. Each button on the Structure line represents one element:

- The E# button represents the chapter number.
- The **E** button represents the entry text.
- The **T** button represents a tab stop.
- The # button represents the page number.
- The LS button represents the start of a hyperlink. (This button doesn't appear on the default Structure line.)
- The LE button represents the end of a hyperlink. (This button doesn't appear on the default Structure line.)

Each white field on the Structure line represents a blank space.

Note: If the chapter number defined for your document includes the word "Chapter" before the number itself, then the E# field in the table of contents will also include the word "Chapter". If you want to include the chapter number with the page number (for example, in the style "1-1, 1-2, ...), you will find that the page number appears in the table of contents as "Chapter 1-1", which is probably not what you want.

Deleting elements

To delete an element from the Structure line, click the button that represents that element and then press the *Delete* key on your keyboard. For example, to delete a tab stop, click the **T** button and then press the *Delete* key.

Adding elements

To add an element to the Structure line, follow these steps:

- 1) Place your cursor in the white field to the left of where you want to insert the element.
- 2) Click one of the five buttons that are just below the Structure line. (For example, to add a tab stop, click the **Tab stop** button.) A button representing the new element appears on the Structure line.

Note that if you insert a hyperlink, you must indicate both the beginning and end of the link. For example, to change the default Structure line so that the chapter number and the entry text form a hyperlink, follow these steps:

- 1) On the Structure line, place your cursor in the white field to the left of the E# button. (Recall that the E# button represents the chapter number.)
- 2) Click the **Hyperlink** button. An **LS** button, representing the start of the hyperlink, appears on the Structure line.
- 3) On the Structure line, place your cursor in the white field to the right of the E button. (Recall that the E button represents the entry text.)
- 4) Click the **Hyperlink** button again. An **LE** button, representing the end of the hyperlink, appears on the Structure line.

Applying character styles

To apply a character style to an element on the Structure line:

- 1) On the Structure line, click the button that represents the element to which you want to apply a style.
- 2) From the **Character Style** drop-down list, select the desired style. Writer applies the selected style to the selected element.

To view or edit the attributes of a character style, select the style from the **Character Style** drop-down list and then click the **Edit** button.

Applying changes to all outline levels

To apply the displayed structure and formatting to all outline levels, click the All button.

Tab position

When checked, this ensures that the entries are displayed indented according to the settings of their individual formats.

Using the Styles tab

Use the **Styles** tab, pictured in Figure 4, to apply paragraph styles to the table of contents. You can apply a different paragraph style to each outline level of the table.

	_ Index/Table Entries Styles Co	olumns Background
Beadheg I	Assignment Levels	Paragraph <u>S</u> tyles
Heading 1 This is the context from the first chapter. This is a user directory entry. Heading 1.1 This is the context from chapter 1.1. This is the entry for the table of contexts. Heading 1.2 This is the context from chapter 1.2. This keyword is a start entry. Table (- This is table)	Title [Contents Heading] Level 1 [Contents 1] Level 2 [Contents 2] Level 3 [Contents 3] Level 4 [Contents 4] Level 5 [Contents 5] Level 6 [Contents 6] Level 7 [Contents 7] Level 8 [Contents 8] Level 9 [Contents 9] Level 10 [Contents 10]	Caption Contents 1 Contents 1 Contents 2 Contents 3 Contents 4 Contents 5 Contents 6 Contents 7 Contents 8 Contents 9 Contents 9 Contents Heading Default First line indent Footer
Array of This is (mage f	Default	Edit

Figure 4. Styles tab of Insert Index/Table dialog

To apply a paragraph style to an outline level, follow these steps:

- 1) In the Levels list box, select the desired outline level by clicking it.
- 2) In the **Paragraph Styles** list box, click the paragraph style that you want to apply.
- 3) Click the < button to apply the selected paragraph style to the selected outline level.

To remove paragraph styling from an outline level:

- 1) In the Levels list box, select the desired outline level by clicking it.
- 2) Click the **Default** button.

To view or edit the attributes of a paragraph style, click the style in the **Paragraph Styles** list box and then click the **Edit** button.

Using the Columns tab

Use the **Columns** tab, pictured in Figure 5 to change the number of columns the table of contents is displayed in.

sert Index/Table	
	Index/Table Entries Styles Columns Background
Hesting 1	Settings
Heading 1	
This is the content from the first chapter. This is a war dimetory entry.	Width and spacing Column Image: Column
Heading 1.1 This is the content from chapter 1 1. This is the entry for the table of contents.	Width
Heading 1.2 This is the content from chapter 1.2. This keyword is a main entry.	Spacing
	Separator line
	Line None
Table I - Thu u rable I	Height 100%
Â	Position Top
	OK Cancel Help Reset Freview

Figure 5. Columns tab

Adding multiple columns

To display the table of contents in more than one column (which is the default), follow these steps :

- 1) Either enter the number of columns desired in the box labeled as **Columns**, or select the icon that represents the number of columns wanted.
- 2) If you want the columns to be evenly distributed according to the page width, then the **Autowidth** box should be checked (which it is by default). If unchecked you can manually set each of the following by altering the associated spin box:
 - Width between each of the columns (if the default settings are not sufficient)
 - **Spacing** between each of the columns (if the default settings are not sufficient)
- 3) You can choose to have a separator line between the columns if required. The default is **none**; however this can be changed by selecting the following options
 - Line: The width of the line.
 - Height: The height of the line.
 - **Position**: Relative position of the line to the table (top, middle, or bottom), if the height is less than 100%.

From the **As** drop-down list, select **Graphic.** The **Background** tab displays the graphics options.

Using the Background tab

Use the **Background** tab, pictured in Figure 6, to add color or a graphic to the background of the table of contents.

Adding color

To add color to the background of the table of contents, simply click the desired color in the color grid.



Figure 6. Background tab of Insert Index/Table dialog, showing Color choices

Adding a graphic

To add a graphic to the background of the table of contents, follow these steps:

- 1) From the **As** drop-down list, select **Graphic.** The **Background** tab now displays the graphics options, as shown in Figure 7.
- 2) Click the Browse button. The Find Graphics window opens.
- 3) Find the graphic file that you want to use and then click the **Open** button. The Find Graphics window closes and the selected graphic appears in the graphic preview box on the right-hand side of the **Background** tab. (If you don't see the graphic, check the **Preview** check box underneath the graphic preview box.)
- 4) In the Type area of the **Background** tab, choose how you want the background graphic to appear:

- To position the graphic in a specific location in the background, select **Position** and then click the desired location in the position grid.
- To stretch the graphic so that it fills the entire background area, select Area.
- To repeat the graphic across the entire background area, select Tile.

sert Index/Table	
	Index/Table Entries Styles Columns Background
Braching I	As Graphic
Heading 1	Browse
This is die context from the first chapter. This is a user directory easy. Heading 1.1 This is die context from chapter 1.1. This is the easy for the table of contexts. Heading 1.2 This is die context from chapter 1.3. This keyword is a data easy.	Unlinked graphic Type C Position C Arga C Tile C C C C
Table 1: The a table 1	
	OK Cancel Help Reset Preview

Figure 7. Graphics options on the Background tab of the Insert Index/Table dialog

Deleting color or graphics

To delete color or graphics from the table background, follow these steps:

- 1) From the As drop-down list, select Color.
- 2) Click No Fill on the color grid.

Saving the table of contents

To save the table of contents so that it appears in your document, click **OK**. The Insert Index/Table window closes and the table of contents appears in your document.

Maintaining a table of contents

This section shows you how to:

- Edit an existing table of contents.
- Update a table of contents when changes are made to the document.
- Delete a table of contents.

Editing a table of contents

To edit an existing table of contents:

- 1) Click anywhere in the table of contents and then right-click. The context menu appears.
- 2) From the context menu, choose **Edit Index/Table**. The Insert Index/Table window opens and you can edit and save the table using the four tabs described in the previous section.

Updating a table of contents

To update a document's table of contents when changes are made to the document:

- 1) Click anywhere in the table of contents and then right-click. The context menu appears.
- 2) From the context menu, choose **Update Index/Table.** Writer updates the table of contents to reflect the changes in the document.

Note: Writer does not update the table of contents automatically. You must do it manually, as described above.

Deleting a table of contents

To delete the table of contents from a document:

- 1) Click anywhere in the table of contents and then right-click. The context menu appears.
- 2) From the context menu, choose **Delete Index/Table.** Writer deletes the table of contents.

Note: Writer won't prompt you to confirm the delete! Use caution when deleting a table of contents.

Creating an alphabetic index

An alphabetic index is a useful tool for referencing entries (either words or phrases) throughout the document in a single place. This section shows you how to:

- Add index entries
- Create an alphabetic index
- Modify the display of index entries
- View and edit existing index entries

Adding index entries

In order to create an alphabetic index, you must first create some entries. Follow these steps to add these index entries:

- 1) Either highlight the word of phrase that you want to add to an index, or leave the cursor at the beginning of the word of phrase.
- Select Insert > Indexes and Tables > Entry to display a dialog similar to that shown in Figure 8.

ction ——		Insert
lex	Alphabetical Index	
try	OpenOffice	Close
st key		✓ <u>H</u> elp
nd key		x
<u>M</u> ain entr	ý	
Apply to a	ill similar texts.	
Match	Case	
CONTRACTOR OF STREET, ST.	words only	

Figure 8. Inserting Index entries

The dialog can also be opened by selecting the **Insert index marker** on the toolbar shown after a long click on the **Insert** icon (as shown in Figure 9).



Figure 9. Insert Index Marker icon on Insert toolbar

3) Below is a brief explanation of the fields and how to use them:

- Index the type of index that is being created (default is Alphabetical).
- Entry the word of phrase that is to be added (taken from the current document).
- 1st Key this is used for grouping similar entries (refer to further explanation below).
- **2nd Key** as for 1st Key.
- **Main entry** this defines whether the entry is the main one for the document. If this is to be the page numbered entry (if there are multiple instances in the document) then this should be checked.
- Apply to all similar texts check this box if you want additional words within the document indexed. The sub checkboxes (Match case & Whole words only) become available if this is selected to refine how additional entires should be treated.
- 4) Click **Insert** to create the entry.
- 5) You can add multiple index entries by keeping the dialog open and overwriting the **Entry** field with additional words of phrases.
- 6) Once satisfied with the entires added, select Close to close the dialog box.

Note : Once a word of phrase has been added as an index, a gray background is added to each instance for easy reference.

Key explanation

If you wish to group similar words within the index, then you can define what word will be used as the keys.

For example, you might want to create an index similar to this:

OpenOffice.org

Writer.....5 Calc.....10 Impress.....15

To achieve this, use *OpenOffice.org* as the 1^{st} key. The subentries (with the page numbers showing) are the indexed entries. You can also add a 2^{nd} Key which adds another layer of grouping, but this is not commonly required.

Inserting an index into the document

Now that there are index entries, you can create the index using these steps:

- Place the cursor where you want to add the index and click Insert > Indexes and Tables
 > Indexes and tables. Initially, the dialog as shown in Figure 1 on page 1 is displayed. From field Type select Alphabetical Index to ensure that the Index context options are shown.
- 2) A dialog box similar to Figure 10 is shown.

There are five tabs concerned with the creation of an index. Each will be discussed separately in the following sections.

Index/Table tab

The basic settings are selected on this tab. Each of them is defined further:

1) If you'd like the Index to have a title, enter it in the **Title** field. (If Writer entered a title in this field automatically, you can change it by simply typing over the value.) To delete the title, clear the **Title** field.

nsert Index/Table	
	Index/Table Entries Styles Columns Background
Alphabetical Index Chapus I Reyvand I Pusay key Sasandary key uhus I	Type and title Ittle Alphabetical Index Type Alphabetical Index
Heading 1	Protected against <u>m</u> anual changes Create index.table
Heading 1.1 This is the consuttions charactll. This is the sumy for the table of constant.	for Entire document Options ✓ Combine identical entries
Heading 1.2 This is the commutation chapter 1.2. This keyword is a main anny.	Combine identical entries with p or gp Keys as separate entries
Toble /: This is solve /	✓ Case sensitive Sort Language English (New Zealand) ✓ Key type
	OK Cancel Help Reset V Preview

Figure 10. Main index/table dialog

- 2) To protect the index from being changed accidentally, check the **Protected against manual changes** check box. If this box is checked, the index can only be changed using the context menu or the Insert Table/Index window. If the box isn't checked, the index can be changed directly on the document page, just like other text.
- 3) From the drop-down list in the Create index/table area, select Entire document. There is an additional option to create an index for just the current chapter. For more information refer to Help > Contents.

- 4) Various other options can be selected based on how you want the index to handles entries:
 - **Combine identical entries.** Defines how identical entries are dealt with. Normally each instance of an indexed word of phrase will be shown in the index, however these can be combined using the **Combine identical entries with p or pp**. If you want a page range displayed select **Combine with -** (which will produce something similar to (23-31)). **Case sensitive** should be selected if you want to different entries based on what letters are capitalized.
 - AutoCapitalize entries if you want writer to automatically capitalize entries regardless of how they show within the document itself.
 - Keys as separate entries if you wish to have the keys have their own page numbers, select this option.
 - **Concordance file**. This enables a set listing of words to be imported (select using the **File** button and then used within the index. The concordance file has a special file format; for further information, refer to **Help > Contents**.
 - Sort. This defines how the entries are sorted when displayed.
 - When all options are set as wanted

Care should be used when using a concordance file since if not kept up to date there may be lots of out of date entires that are not relevant.

Entries tab

This tab deals with setting exactly how and what will be displayed for each of the entries. The screen is similar to Figure 11.

To begin, click a level number in the **Level** column to select the index level whose elements you want to format. (You'll be able to apply your changes to all index levels later.) The **Structure** line displays the elements for entries in that level.

You probably want to keep all formating the same regardless of the level and this can be done by selecting the **All** button once changes have been made.

Each button on the Structure line represents one element:

- The **E** button represents the entry text.
- The **T** button represents a tab stop.
- The # button represents the page number.
- The **CI** button represents chapter information. This may not be displayed immediately, but can be added.

Each white field on the Structure line represents a blank space.

To delete an element from the Structure line, click the button that represents that element and then press the *Delete* key on your keyboard. For example, to delete a tab stop, click the **T** button and then press the *Delete* key.

To add an element to the Structure line, follow these steps:

- 1) Place your cursor in the white field to the left of where you want to insert the element.
- 2) Click one of the buttons that are just below the Structure line. (For example, to add a tab stop, click the **Tab stop** button.) A button representing the new element appears on the Structure line.

Each of the items that can be added to the **Structure** line may have additional formatting that may be added. For example, you may wish to have the page number a different size font from the rest of the index text. To do this you need to apply a character style to one of the elements in the **Structure**.

To apply a character style to an element on the Structure line:

- 1) On the **Structure** line, click the button that represents the element to which you want to apply a style.
- 2) From the **Character Style** drop-down list, select the desired style. Writer applies the selected style to the selected element.

To view or edit the attributes of a character style, select the style from the **Character Style** drop-down list and then click the **Edit** button.

nsert Index/Table	
	Index/Table Entries Styles Columns Background
Alphabetical Index	Level Structure and Formatting
Chapter 1 Kaywad 1 Primany May Sacazlany May dis 1	S Structure E T # 2 Entry text Tab stop Chapter info Page no.
Heading 1 This is the combustions, the first chayber. This is a ward incomy entry.	Character Style
Heading 1.1 This is the combination charges 11. This is the entry for the table of combine.	
Heading 1.2 This is the content from oblayier 1.2. This hay word is a main antity.	Format Character Style for main entries Alphabetical delimiter Key separated by commas
Fage (- This is image (Tab position relative to Paragraph Style indent
	OK Cancel Help Reset Preview

Figure 11. Entries tab for creating an alphabetical index

Additional formatting can be applied using the options in the Format section.

• Alphabetical delimiter. This will display, as a means of separating index entires, the first letter of all the subsequent index entries. For example:

```
A
apple, 4
author, 10
B
break, 2
bus, 4
```

- Key separated by commas. Arranges the entries in the index on the same line but separated by commas.
- **Tab position relative to paragraph style indent**. When checked, this option ensures that the entries are displayed indented according to the settings of their individual formats.

Styles tab

Refer to "Using the Styles tab" on page 6, for how to use this tab.

Columns tab

Refer to "Using the Columns tab" on page 7, for how to use this tab.

Background tab

Refer to "Using the background tab" on page 8, for how to use this tab.

Generating the index

To generate the index so that it appears in your document, click **OK**. The Insert Index/Table window closes and the index appears in your document.

Modifying the display of index entries

To modify the display of index entries:

- 1) Click anywhere in the index and then right-click. The context menu appears.
- 2) From the context menu, choose **Edit Index/Table**. The Insert Index/Table window opens and you can edit and save the index using the five tabs described in the previous chapter.

To update index entries and delete the index, follow the process described in the sections "Updating a table of contents" and "Deleting a table of contents" on page 10.

Viewing and editing existing index entries

Once you have added the initial entries you may wish to make some amendments or add some new ones. You can view and edit these using the following steps:

- Place your cursor next to an existing index entry (they are shaded gray for convenience) and select Edit > Index Entry. Alternatively you can right-click on the word or phrase and from the context menu select Index Entry.
- 2) You will be presented with a dialog box similar to Figure 12,
- 3) You can move through the various index entries using the forward and back buttons (indicated on the Figure 12). If there is more than one entry for a single word or phrase then each of the entires will be scrolled through.
- 4) You can make the necessary modifications or additions to the index entries and, when finished, click **OK**.

election			C	ж
Index	Alphabetical Index		Clo	ose
<u>E</u> ntry	there			
1st key		-	Help	
2nd key			<u>D</u> e	lete
Main entr	y			
				N

Figure 12. Viewing and editing index entries

Creating and using other types of indexes

An alphabetical index is not the only index that is built into Writer. There are various other types of indexes, including indexes for illustrations, tables and objects. There is also the option to create a user-defined index.

These can be created using the following steps :

- 1) Place your cursor where you want the index created.
- On the Insert Index/Table dialog from Insert > Indexes and tables > Indexes and tables (shown in Figure 13), in the dropdown selection field, Type, select the index wanted,

	Index/Table Entries Styles Columns Background
Table of Contents Ensiting1	Type and title Table of Contents Type Table of Contents Table of Contents Aphabetical Index Aphabetical Index Illustration Index for Index of Tables User-Defined Evaluate up to level Create from Table of Objects Bibliography

Figure 13. Creation of other types of indexes

- 3) Modify the various tabs, which are very similar to those discussed in previous sections,
- 4) Select **OK** once everything has been set and the index will be inserted.

Creating a bibliography

A bibliography is useful for displaying references used throughout a document. These are either stored in a bibliographic database or within the document itself.

This chapter shows you how to:

- Create, add and maintain entries within a bibliographic database
- Add a reference into a document
- Format the bibliography
- Update and edit an existing bibliography

Creating, adding and maintaining entries within a bibliographic database

Although you can use references within the document itself, creating a bibliographic database allows reuse in other documents and saves a lot of time.

For most of this section the database used is the sample one that comes with Writer.

Create a bibliographic database

Follow these steps to create a bibliographic database:

1) Select **Tools > Bibliography database** and a dialog similar to that shown in Figure 14 is shown.

2) The top portion of the screen can be used to filter for specific records within the database.

- You can arrange the way the columns are laid out by selecting the **Column Arrangement** button.
- You can select an alternative data source (another database or table) by selecting the **Data Source** button.
- 3) The middle portion of the screen shows each of the records in a layout similar to that of a spreadsheet. Additional fields can be viewed by scrolling the screen to the right.
- 4) The bottom portion of the screen shows the contents of the selected record.

Гаb	le biblio	•	Search Key			\ \\$ \	Column An	rangement	Data Sour	се		
	Identifier	Туре	Address	Annote	Author	Booktitle	Chapter	Edition	Editor	Howpublish	Institutn	Journa
Þ	BOR02a	1	S-	1	Borges, Ma			Ť.	î l			
	BOR02b	1			Borges, Ma							
	BUS00	1			Busch, Da							
	DAN00	1			Dandenell,							
	FAC01	1			Facundo A							
	GAE02	1			G,,bler, Rei							
-	HAB00	1			Habraken,							
	Jones, et al,	1			Jones, F.,							
	MOL02	1			Molla, Rica							
_	RAP00	1			Rapion, An							
ec	ord 1	of	14	<u>ia a </u>	<u>▶ </u> ∦ <u> </u>	18		2				-
Sł	ort name		BOR02a		Туре					• <u>Y</u> ear		2002
<u>A</u>	thor(s)		Borges, Ma	alte; Schum	iache Title		St	arOffice 6.0	Kompendiu	IN		
<u>P</u> u	ıblisher		Markt & Te	chnik Verla	ag A <u>d</u> dre	88	Г			ISBN		3827
Cł	napter				Page(s)	90	0				
Ec	litor		-		Edițior	i						
	ook title		-		Volum	e				Publication ty	дре	
Bo			-		Institut	tion	-			University		1
- 22	ganization				madu	uwr i				or ny or only		

Figure 14. Bibliography database main screen

You can modify the type of columns (for example, the size of specific database columns) for any of the columns by doing the following:

- 1) Open the data source window, by pressing *F4* or clicking **Tools > Data Sources**. There will be a screen similar to Figure 15.
- 2) Make sure that the Bibliography database is selected as well as the correct table. You may have to expand some levels to be able to select the correct ones.

🗄 💩 Bibliography	*	Identifier	Type	Address	Annote	Author	Booktitle	Chapter	Edition	Editor	Howpublish	Institutn
由 💩 Links		BOR02a	1		1	Borges, Ma	-		((
🕀 🔁 Queries		BOR02b	1			Borges, Ma						
Tables		BUS00	1			Busch, Da						
		DAN00	1			Dandenell,						
biblio	V R	cord 1	of	11 *	14 4 1	N <u>∦</u>	P		1			

Figure 15. Data Source view of Bibliography database

- 3) Right-click on the table entry and select **Edit Table** from the menu. This will display the Table Design window, which should look similar to Figure 16.
- 4) You can now select each of the columns and modify the Field Type as required.
- 5) When finished, if you close the Table Design window without saving the table, you will be asked to confirm whether you want the changes saved.

Field Na	ame	Field Type	Description					
Identifier	Tex	d [VARCHAR]		1				
Туре		d [VARCHAR]						
Address		d [VARCHAR]		1				
Annote	Tex	d [VARCHAR]						
Author		d [VARCHAR]						
Booktitle		d [VARCHAR]						
Chapter		d [VARCHAR]						
Edition		d [VARCHAR]						
Editor		Text [VARCHAR]						
Howpublish		d [VARCHAR]						
Institutn		d [VARCHAR]						
Journal		d [VARCHAR]						
Month		d [VARCHAR]						
Note		d [VARCHAR]						
Number		Text [VARCHAR]						
d				11				
		Field Propertie	s					
Length		60						
			1					
<u>D</u> efault value								
Format example								

Figure 16. Modify table properties dialog

Adding entries to the database

To add entries to the database, follow these steps:

- 1) Using the lower portion of the screen from Figure 14 you can add records directly into the database.
- 2) Complete each of the fields as required. Use the Tab key to move between fields.
- 3) It is best to use a unique name in the short name. This is used when inserting entries into documents.
- 4) To complete the entry move to the last field and tab once more.

Note : If your document requires [Author, date] style referencing, you need to put this information in the appropriate format in the **Identifier** field of the database. If a simple numbering system (for example, [1],[2], etc.) is to be used within the document, then a unique reference of some sort is required. (Writer will autonumber these based on the position within the document.)

Maintaining entries in the database

Maintain entries in the database using the same screen as in the previous section. Click on the appropriate field and modify the text as appropriate.

Modified entries will be automatically saved to the database when the cursor moves off the record.

Adding a reference (citation) into a document

To add references from the bibliographic database into a document, follow these steps:

- 1) Place the cursor where you want the reference to appear.
- Select Short name will be used or numbering Insert > Indexes and tables > Bibliographic entry and you will get a dialog similar to that shown in Figure 17.

ry • From bibliography <u>d</u> atabase	Insert
 From bibliography gatabase Erom document content 	Close
uthor	Help
Borges, Malte; Schumacher, J"rg	New
Title	
StarOffice 6.0 Kompendium	Edit
Short <u>n</u> ame	
BOR02a	+

Figure 17. Inserting bibliographic entries into a document

- 3) The **Author** and **Title** of the reference selected in the **Short Name** field are shown, to use as a guide.
- 4) To insert the reference into the document, click **Insert**. If you wanted to insert a reference from the document itself (although not recommended) then select the radio button **From document content**.
- 5) You can change the placement of your cursor and insert another reference using the same dialog. You don't need to close and reopen it.
- 6) When you have finished inserting all the references, select **Close** and you will be returned to the document.

Formating the bibliography

To create the bibliography, follow these steps:

- 1) Place your cursor at the point where you wish to insert the bibliography.
- Select Insert > Indexes and tables > Indexes and tables and change the Type to Bibliography, to see a dialog similar to that shown in Figure 18.

The Insert/Index Table window has five tabs. All of them can be used when creating a bibliography and will be discussed separately.

Insert Index/Table	x
	Index/Table Entries Styles Columns Background
Bibliography Heading 1 This is the content from the first charger. This is a war dimetry entry. Heading 1.1 This is the content from charger 11. This is the entry for the table of contents. Heading 1.2 This is the content from charger 12. This keyword is a main entry. Table i - This is make i	Type and title
δααχε (· This is arage (Sort Language English (New Zealand) OK Cancel Help Beset Preview

Figure 18. Formatting bibliographic entries

Index/Table tab

The basic settings are selected on this tab.

- 1) If you'd like the bibliography to have a title, enter it in the **Title** field. (If Writer entered a title in this field automatically, you can change it by simply typing over the value.) To delete the title, clear the **Title** field.
- 2) To protect the bibliography from being changed accidentally, check the Protected against manual changes checkbox. If this box is checked, the bibliography can only be changed using the context menu or the Insert Table/Index window. If the box isn't checked, the bibliography can be changed directly on the document page, just like other text.
- 3) To simply have the bibliographic entries numbered within the body of the document (for example, [1], [2], ...) then select **Number entries**. If however you wish to have the field **Identifier** (from the database) appear in the document, then clear this checkbox.
- 4) Select the type of brackets that you want the referenced entries, within the body of the document, to display.
- 5) Define the sorting that is required. Currently only alphabetic is supported.

Entries tab

The structure of this tab is similar to that of the previous sections (see Figure 19).

	Index/Table Entries Styles Columns Background
Bibliography	Type Structure and Formatting
Heading 1 lis is the content from the first clapter. It is is a ward incomposition only dending 1.1 lis is the content from clapter 1.1. This is the entry for the table of contents. dending 1.2 lies is the content from clapter 1.2. This keyword is a main entry.	Atticle Structure Sh : Au , Ti , Ye All Book Brochures Address Insert Bemove Tab stop Conference proc Book excerpt wit Character Style <none> Edit Conference proc Journal Techn. documen Edit Edit Miscellaneous Miscellaneous Edit Edit</none>
Adie (- Thu to itable i Adie (- Thu to itable i Adie (- Thu to italie e (Dissertation Conference proc Research report Unpublished e-mail Sort by W/W/W document User-defined1 Content Quert defined2 User-defined1 Vone> Image: Proceeding of the second se

Figure 19. Entries tab for bibliographies

You can define how the entry will appear based on the **Type** of the entry, or simply apply the same format to all entries by selecting the **All** button.

The **Structure** of the entry is based on the fields available in the bibliographic database. The ones shown by default are:

- Sh short name
- Au Author
- Ti Title
- Ye Year

Sorting can be achieved by modifications to the **Sort by** options and **Sort keys** can be used to group similar references.

Styles tab

Refer to "Using the Styles tab" on page 6, for how to use this tab.

Columns tab

Refer to "Using the Columns tab" on page 7, for how to use this tab.

Background tab

Refer to "Using the background tab" on page 8, for how to use this tab.

Generating the bibliography

To generate the bibliography so that it appears in your document, click **OK**. The Insert Index/Table window closes and the bibliography appears in your document.

Updating and editing an existing bibliography

To modify the display of bibliography entries:

- 1) Click anywhere in the bibliography and then right-click. The context menu appears.
- 2) From the context menu, choose **Edit Index/Table**. The Insert Index/Table window opens and you can edit and save the table using the five tabs described in the previous section.

Updating bibliography entries and deleting the bibliography follow the same process as described in the sections "Updating a table of contents" on page 10 and "Deleting a table of contents" on page 10.