

[SunRav BookReader](#)  
[SunRav BookEditor](#)

The SunRav BookReader program is used for viewing books and manuals. You can view both special books (manuals) created in SunRav BookEditor and files of various formats:

- Files in the Rich Text Format (RTF)
- Files in the text format (TXT)
- If Microsoft Office is installed on the computer, it's possible to read files it "understands":
  - HTML files
  - Word documents for Windows and Macintosh
  - Excel documents
  - Windows Write documents
  - Restoring text from any file
  - etc.

## Features

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While viewing books and manuals, you can:

- Enable [autoscrolling](#) and enjoy viewing the text without touching the keyboard – the text will be scrolled automatically and you will be able to adjust the speed of scrolling at any moment.
- Enable [reading](#) the book - your computer will start reading the text of the book.
- Enable displaying the treelike table of contents of the book to navigate easily between its sections and chapters or hide it to fit maximum information into the screen (or switch to the [full-screen mode](#) - without the menu, the table of contents and the toolbar).
- Use the [hot keys](#) for navigation without using the mouse.
- [Indexed](#) and [full-text search](#) will help you find the necessary text in the book.
- Use the [Favorites](#) folder to collect the most frequently used chapters and books in one place and make accessing them quicker and more convenient.
- Make the [font bigger or smaller](#) and these changes will be proportional for all the fonts used in the book (the proportion between different font sizes stays the same).

## Opening a book

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To start reading a book, you should:

Click the  button on the toolbar in the upper part of the program window or select the `File/Open...` menu item or press the key combination **Ctrl+O**.

If a document has a description, it will appear in a separate window after you open the document. If you do not want to read the document after reading the description, click the **Cancel** button in the lower part of the window or press **Backspace** on the keyboard. If you want to start reading, click the **OK** or press **Enter**. After that, you can start viewing the book.

## *Table of contents*

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The left part of the main window contains the table of contents of the current book in the tree-like form. You can use either the  button or the **F10** key to show and hide it.

## *Viewing the book*

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A book consists of chapters and sections arranged in a treelike way. You can see this treelike table of contents in the left part of the main window. The window for viewing a chapter or a section is on the right. To read some chapter, just click its name in the tree on the left. If a chapter has sections (subsections), click **+** to see the list of them. You will see the list of sections in the selected chapter. Click the name of a section to see its contents.

You can use the mouse or the keyboard to select a chapter or a section. Use the **up arrow** and **down arrow** buttons on the keyboard to view the previous and the next chapters respectively. The **right arrow** button will open the list of sections (if the selected chapter has any) and the **left button** will close it if it is opened.

## BookReader settings

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You can open the Settings dialog box by selecting the `File/Settings...` menu item, or pressing **Shift+Ctrl+F2**, or clicking the  button.

The following parameters are available in the settings dialog box:

- **tTester location** - specify the path to [tTester](#). Click the `...` button to the right from the input field to open the standard dialog box where you can select the location of tTester. This parameter makes sense only if you are going to read books that have links to different tests.
- **Language** - localize the program.
- **Mouse wheel speed** - specify the speed of scrolling the text with the mouse wheel.

See also [Command line parameters](#)

## Command line parameters

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You can run SunRav BookReader with various parameters to configure its behavior more flexibly. You can see these parameters below:



***BookFileName.srb*** - runs the program and opens the book *BookFileName.srb* immediately.


***/chapter chapter*** - opens the section (chapter) named *chapter* when you open the book. It makes sense only if the filename is specified.

***/tester TesterFullPath*** - specifies the location of tTester. For example, */tester "C:\Program Files\TestOfficePro\tTester\tester.exe"*

## Autoscrolling

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You can enable autoscrolling and enjoy viewing the text without touching the keyboard - the text will be scrolled automatically. Click the  button on the toolbar in the upper part of the window or press **F9** on the keyboard. To disable autoscrolling, click the  button or press **F9** again.


You can adjust the speed of autoscrolling to your needs. To do this, move the speed slider  to the necessary position with a mouse. The leftmost position is equal to the minimum speed and the rightmost position is the maximum speed.

Another way of changing the speed is pressing **Ctrl+Page Up** to make it one point quicker and **Ctrl+Page Down** to make it one point slower.

## ***Full-screen mode***

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You can work with the program in two modes: normal and full-screen. In the normal mode the program looks like a regular Windows application with a toolbar, menus and contents. The fullscreen mode has no toolbars and menus to fit maximum information into the screen.

To switch to the full-screen mode, press **F11**, or select the `View/Fullscreen` menu item, or click the  button.

To return to the normal mode, press **Esc** or **F11** again.

## Font size

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You can make the font of the book bigger or smaller whenever you want to and these changes will be proportional for all the fonts used in the book (the proportion between different font sizes stays the same).

To make the font bigger, press the **+** key on the numeric keypad (to the right from the main keyboard). To make the font smaller, press the **-** key.

Hot keys	Action
<b>Ctrl+O</b>	<a href="#">open book</a> or file
<b>F2</b>	place current chapter into <a href="#">Favorites</a>
<b>F4</b>	voice check On/OFF
<b>F5</b>	jump to the <i>first</i> chapter
<b>F6</b>	jump to the <i>previous</i> chapter
<b>F7</b>	jump to the <i>next</i> chapter
<b>F8</b>	jump to the <i>last</i> chapter
<b>F9</b>	<a href="#">autoscrolling</a> On/OFF
<b>F10</b>	<a href="#">table of contents</a> On/OFF
<b>F11</b>	<a href="#">full screen mode</a> On/OFF
<b>Esc</b>	<a href="#">full screen mode</a> OFF
<b>Backspace</b>	come back
<b>Ctrl+F</b>	<a href="#">search</a>
<b>+ (on NumPad)</b>	<a href="#">zoom in</a>
<b>- (on NumPad)</b>	<a href="#">zoom out</a>
<b>Ctrl+F5</b>	select <a href="#">Table of contents</a> page
<b>Ctrl+F6</b>	select <a href="#">Index</a> page
<b>Ctrl+F7</b>	select <a href="#">Search</a> page
<b>Ctrl+F8</b>	select <a href="#">Favorites</a> page

## Search

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There are several ways to find the necessary document in BookReader:

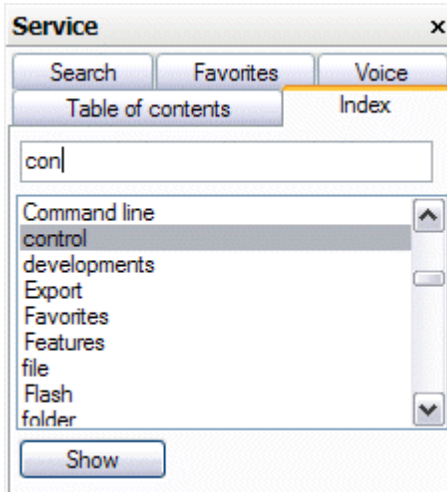
- [Indexed search](#).
- [Full-text search](#) through the entire book.
- [Favorites](#).

## Indexed search

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Each chapter in the book can have an index that increases the search speed considerably. To find the chapter with a certain keyword in the current book you should do the following:

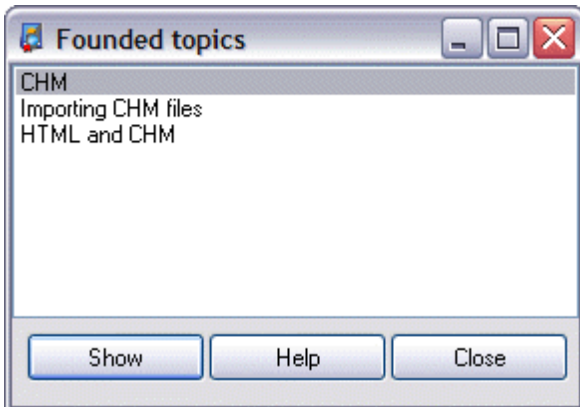
1. Go to the **Index** tab:
  - Select the *View/Page/Index* menu item or
  - Click the **Index** on the **Service** panel or
  - Press **Ctrl+F6**
2. Enter the necessary word in the input field:



If the program finds the word, you will see it in the list below.

If the search is successful, click the **Show**.

3. If the program finds any matching sections, you will see them listed in the following dialog box:



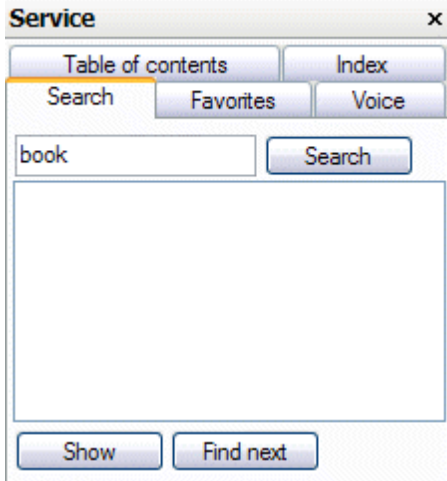
4. Select the necessary section and click the **Show**.

## Full-text search

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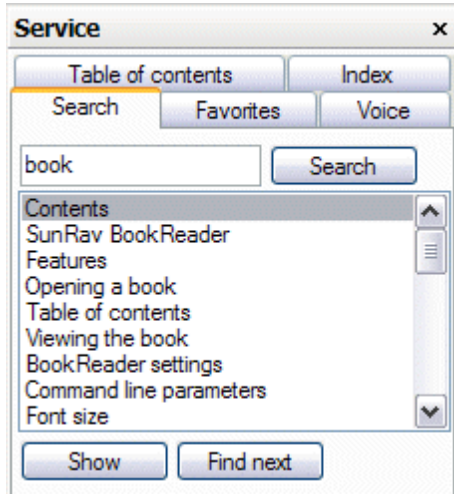
To find the chapter with a certain keyword in the current book, you should do the following:

1. Go to the **Search** tab:
  - Select the *View/Page/Search* menu item or
  - Click the **Search** link on the **Service panel** or
  - Press **Ctrl+F7**.
2. Enter the necessary word in the input field:



and click the **Show**.

3. If the program finds any matching sections, you will see them listed below:



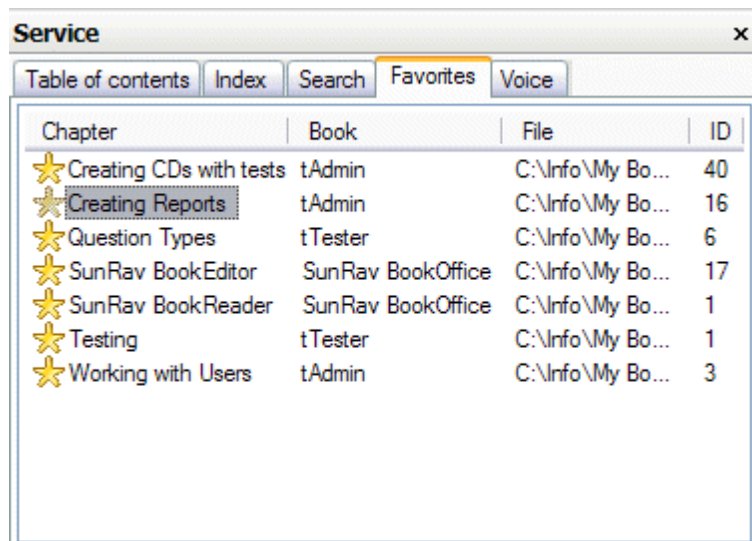
4. Select the section you need and double-click it.
5. In the chapter that appears after that you will see that the first matching word is highlighted. You can find all the matches in this chapter by pressing **F3**.

## Working with Favorites

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The **Favorites** folder is a perfect place for arranging books and chapters. It will help you access your favorite chapters (sections) and books easily. You can access this folder by pressing **Ctrl+F8**.

In the Table mode the Favorites folder looks like this:



The screenshot shows a window titled "Service" with a close button (x) in the top right corner. Below the title bar are five tabs: "Table of contents", "Index", "Search", "Favorites", and "Voice". The "Favorites" tab is selected and highlighted in orange. Below the tabs is a table with four columns: "Chapter", "Book", "File", and "ID". Each row in the table starts with a yellow star icon. The "Creating Reports" row is highlighted with a grey background.

Chapter	Book	File	ID
★ Creating CDs with tests	tAdmin	C:\Info\My Bo...	40
★ Creating Reports	tAdmin	C:\Info\My Bo...	16
★ Question Types	tTester	C:\Info\My Bo...	6
★ SunRav BookEditor	SunRav BookOffice	C:\Info\My Bo...	17
★ SunRav BookReader	SunRav BookOffice	C:\Info\My Bo...	1
★ Testing	tTester	C:\Info\My Bo...	1
★ Working with Users	tAdmin	C:\Info\My Bo...	3

**Chapter** - the titles of chapters (sections).

**Book** - the titles of books.

**File** – the full names of book files (their location).

**No** - the numbers of chapters.

To add the current chapter to the Favorites, click the ★ button or press **F2** key. The chapter will be added to Favorites.

To view a chapter in Favorites, just go to the folder and click the title of the chapter. If the chapter you need is from a different book (not in the current one), the program will open the necessary book automatically.

To remove a chapter from Favorites, select it, select the Favorites/Delete from favorites menu item.

You can always save the Favorites folder to a file. To do this, select the Favorites/Save... menu item. Enter the name for the file to save the contents of the folder to.

To return to some previously saved Favorites list, select the Favorites/Open menu item and select the file with Favorites you need.

## Reading a book

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You can enable reading a book - your computer will start reading the text of the book.

To install the Text-to-speech engine on your computer, you have to download and install two free installation packages from the Microsoft site.

### **Text-to-speech engine.**

[Download Lernout & Hauspie® TruVoice TTS engine - American English \(1 MB exe\)](#)

[Download Lernout & Hauspie® TTS3000 TTS engine - British English \(2.5 MB exe\)](#)

[Download Lernout & Hauspie® TTS3000 TTS engine - German \(2.2 MB exe\)](#)

You may want to check out other [third-party speech engines](#). They may have the language or voice that you're looking for.




### **SAPI 4.0 runtime support**

[Download the Microsoft SAPI 4.0a runtime binaries \(824 KB exe\)](#)

### **Speech control panel**

The Speech Control Panel enables you to list the compatible speech recognition and text-to-speech engines installed on your system and to view and customize their settings for your use. When you install the file, it adds a speech icon to your Control Panel that you can open. Note that this application will only install on Windows® 95, Windows 98, Windows NT® 4.0, and Windows 2000 systems.

[Download the Speech Control Panel \(927 KB exe\)](#)

To start reading, click the  button or press **F4**. The button will change to . Click it to pause reading. Clicking the  button will stop reading.

## Purpose

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SunRav BookEditor is used for creating and editing different electronic books and manuals. Any book can consist of an unlimited number of chapters, sections and subsections.

## Features

- Text with various visual effects (various fonts, bold, italics, underlined, line-through characters, characters with a line above them, subscript and superscript characters, etc.)
- Creation [CHM](#), [HTML](#), [PDF](#), [RTF](#) and [Custom](#) documentation.
- Compiling [EXE books](#).
- Supporting [text styles](#)
- Paragraphs with different visual effects: numbered/bulleted/alphabetical lists, borders, background colors, alignment, indentions, line spacing, etc.
- Supporting [images](#) and any [OLE-objects](#)
- Supporting tables. Tables can be nested.
- Supporting various standard Windows [control elements](#): buttons, lists, combo boxes, radio button groups, etc.
- [Importing](#) all documents of the HTML, RTF, TXT formats in a particular directory.
- If you have MS Office installed on your computer, you can also [import](#) and export your books from (to) MS Office files: DOC, XLS, etc.
- Working with files of the CHM format: [importing](#) books from this format and [compiling](#) them into this format. The program will help you create help files for your software products quite easily.
- A variety of [links](#) can make it easier to navigate a book and run different documents and programs.
- Integration with the [SunRav TestOfficePro](#) package - you can insert links to tests into your manuals so the user can pass a test when studying your manual.
- Moving sections in a book.
- Opening a book (a file with the .srb extension) by dragging it from Windows Explorer to the main window of BookEditor.
- [Previewing](#) created books in SunRav BookReader.
- Moreover, the size of electronic books and manuals is as small as possible.

## ***Working with a book (manual)***

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After you start SunRav BookEditor, it is ready to work and you can begin creating new electronic books and manuals (hereinafter books).

### ***Table of contents***

Each book consists of chapters and sections (subsections, etc.). Further on, a chapter will stand for a part of the highest level in a book; a section will mean any section or subsection of a book that is not a chapter. Every book has at least one chapter. Chapters and sections arranged together in a treelike structure make a table of contents. You can see it in the left part of the main window.

See also Working with sections.

### ***Contents of a section***

It is to the right from the table of contents and usually occupies most of the main window. Working with this part of the program is like working with a regular text editor. You can:

- Create/edit text and its attributes.
- Edit the attributes of a paragraph.
- Create/edit lists.
- Create/edit tables.
- Insert/delete standard Windows control elements
- Import/export the information from (to) different documents (files).
- Insert images.
- Print out the contents.
- Create/delete various links.
- Drag sections from one place to another.

### ***Navigating between chapters (sections)***

You can easily navigate between chapters of your books in several ways:

- Using the mouse: just click the necessary chapter.
- Using the keyboard:
  1. Press **F5** to go to the first chapter, press **F6** to go to the previous chapter, press **F7** to go to the next chapter, press **F8** to go to the last chapter.
  2. If the table of contents is currently active, use arrow keys for navigation.

If you have a lot of information in files of other formats, the quickest and most convenient way of moving them to SunRav BookEditor is importing them.

## *Viewing a book in BookReader*

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While editing a book, you can open it in [SunRay BookReader](#) any time. To do this, press **F4** or the  button.

***Book properties***

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[Main](#)

[CHM](#)

[HTML](#)

[HTML menu](#)

[Security](#)

## General

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**Title** – the title of the book. This title will be shown on the title bar of [SunRay BookReader](#).

**Show description** – if this checkbox is selected, the description window will appear before the book is opened. You can enter the description in the field below the checkbox.

- **Main**

**Compression** - Determine whether PDF page streams are compressed or not. By using compression the file will be reasonably smaller. On the other had compression will create binary data rather than ASCII data. While "deflate" produces the smallest files, "run-length" compression is compatible even with very old PDF reader programs.

**Resolution** - Set resolution for pages.

**PDF Version** - Determine version of the created PDF document.

**Auto Create URL** - If set to ON, text written to a page will be parsed and if substrings 'http://', 'mailto:', 'ftp://' are located a link will be automatically appended to this URL.

**Emulate Standard Font** - If property set to ON "Arial", "Courier New" and "Times New Roman" will emulated via standard PDF fonts.

**EMF Image As Jpeg** - Property determine store images from parsed EMF files as JPEG or as bitmap.

**One Pass** - Property indicates whether to store previous pages to file after a new page is created.

**Author** - The name of the person who created the PDF document.

**Keywords** - Keywords associated with the PDF document.

**Subject** - The subject of the PDF document.

**Title** - The PDF document's title.

- **Page settings**

**Layout** - The page layout to be used when the document is opened.

**Mode** - How the document should be displayed when opened.

**Size** - Determines size of the page in standard size pages.

**Orientation** - Use Orientation to determine if a page is landscape or portrait.

- **Protection settings**

**Protection Enabled** - A PDF document can be encrypted to protect its contents from unauthorized access. Property sets whether to encrypt the current PDF document or not.

**Key Length** - Length of the crypto key.

**User Password** - User password for current PDF document. This is the password which will be used to encrypt the file.

**Owner Password** - Owner's password for current PDF document. The password is required to edit an encrypted PDF file.

**Allows** - A set of flags specifying which operations are permitted when the document is opened with the user password.

Members	Description
Print	Print the document.
Modify Structure	Modify the contents of the document
Copy Information	Copy or otherwise extract text and graphics from the document, including extracting text and graphics (in support of accessibility to disabled users or for other purposes).
Modify Annotation	Add or modify text annotations, fill in interactive form fields.
Print Hi	Print the document with high quality
Fill Annotation	Fill in existing interactive form fields (including signature fields)
Extract Info	Extract text and graphics
Assemble	Assemble the document (insert, rotate, or delete pages and create bookmarks or thumbnail images).

- **Viewer settings.** This setting controls how the document is presented on the screen.

Members	Description
Hide Tool Bar	A flag specifying whether to hide the viewer application's tool bars when the document is active.
Hide Menu Bar	A flag specifying whether to hide the viewer application's menu bar when the document is active.
Hide Window UI	A flag specifying whether to hide user interface elements in the document's window (such as scroll bars and navigation controls), leaving only the document's contents displayed.
Fit Window	A flag specifying whether to resize the document's window to fit the size of the first displayed page.
Center Window	A flag specifying whether to position the document's window in the center of the screen.

- **Fonts** - Specifies a list of fonts not to be embedded.

Press **Scan** button to include all document fonts into list of non embedded fonts.

## CHM

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**Enhanced decompilation** - enable enhanced decompilation.

**Folder icons instead of book icons** – if this checkbox is selected, the icons in the compiled CHM will look like folders. If it is not selected, the icon will look like books.

**Create the list of contents** – create the list of contents or not.

**Full-text search** – if this checkbox is selected, the compiled CHM file will have a Search tab. It is used for searching the entire book for a phrase or a word.

**Note:** before a book is compiled into CHM, it is first exported to a set of HTML pages. That is why HTML parameters influence the compiled file.

Two **HTML export modes** are available:

1. Frames - produce HTML book with frames. For navigation through chapters JavaScript is used.
2. No frames - produce HTML book without frames. JavaScript is not used. Each HTML page contain the TOC.

**Use CSS** - if this checkbox is selected, created HTML files will use CSS formatting.

**External CSS** - if name of CSS file is specified then CSS declarations will be saved in this file otherwise CSS will be saved in HTML page directly.

**Template** - select required template from drop-down list.

## HTML menu

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**Contents menu theme** – specifies the appearance of the menu.

**Menu size** – specifies the width of the menu in percents.

**Show menu frame** – specifies if the menu frame will be displayed.

**Changing menu size possible** – specifies if it will be possible to change the menu width.

**Scrolling mode**. It can be:

- **Auto** – automatic mode.
- **Yes** – you can scroll the menu up and down.
- **No** – you cannot scroll the menu.

## Security

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Use the **Passwords** group to specify passwords for:

- **Viewing the book** – if a password for viewing the book is set, you can view the book in SunRav BookReader only if you enter the correct password.
- **Editing the book** – if a password for editing the book is set, you can edit the book in SunRav BookEditor only if you enter the correct password

**Allow printing** – if this checkbox is selected, you can print the book from SunRav BookReader.

**Allow copying the contents of the book to the Windows clipboard** – if this checkbox is selected, you can copy any part of the book to the Windows clipboard.

**Open the book from a CD only** – if this checkbox is selected, you can open the book in SunRav BookReader only if it is on a CD.

**CD only message** – if the **Open the book from a CD only** option is on and you are trying to open a book from some other device, the specified message is displayed.

Use **Trial** group to limit reading of book.

**Trial period enabled** - if this checkbox is selected, reading of book are limited. Please specify the details of limitation by selecting checkboxes below.

**Read count** - if this checkbox is selected, reading of book is limited by quantity defined in the field below.

**Read days** - if this checkbox is selected, reading of book is limited by days defined in the field below.

**Read before** - if this checkbox is selected, reading of book is limited by date defined in the field below.

**Trial expired hyperlink** - type the hyperlink for buying the book.

## Importing a book

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SunRay BookEditor can import documents of various formats so the process of creating books and manuals is very quick as you use the ready material you already have. You can import documents separately or several at a time.

- [Importing \(inserting\) a document](#) into the current chapter.
- Importing all documents located in a particular [folder](#).
- Importing [CHM documents](#).

## *Importing a folder*

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You can import several documents at a time. A new section will be created for each document and you will be able to move and rename these sections. Importing a book is the fastest way to turn numerous files of different formats into one book.

To import a folder, you should:

1. Select the **File/Import/Folder...** menu item or click the button.
2. Use the dialog box to select the type of the documents to be imported and click **OK**.
3. Use the dialog box to select the folder containing the documents you want to import and click **OK**.

To be able to import MS Office documents, you must have MS Office installed on your computer.

There are two ways of importing HTML documents: using either the MS Office converter or the built-in converter. To import documents using the MS Office converter, you should have it installed on your computer. In the dialog box for selecting the format of files being imported, select HTML Document to use the MS Office converter or HTML files to use the SunRav BookEditor converter.

The MS Office converter can convert MS WORD (doc) documents of all previous versions except the current one. For example, MS Office XP can import WORD documents created in WORD versions up to WORD2000 inclusive. But it cannot import files created in WORD XP. If you want to import WORD XP files, you should save them either in one of the previous versions of WORD or in the RTF format (the latter is preferable).

## *Importing CHM files*

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You can import the contents of a CHM file.

To import a file of the CHM format, select the `File/Import/CHM file...` menu item. Use the dialog box to select the file to be imported and click **OK**.

## *Creation documentation*

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- [CHM documentation](#)
- [HTML documentation](#)
- [PDF documentation](#)
- [RTF documentation](#)
- [Custom documentation](#)
- [Compiling EXE book](#)

To create CHM book please do the following:

1. Press **F10** key to open [Project settings dialog](#).
2. Select [HTML](#) tab.
3. Set up required settings (including [Template](#)).
4. Select [CHM](#) tab.
5. Set up required settings.
6. Press **OK** to confirm changes.
7. Select the *File/Export...* menu item or press **Ctrl+Shift+C** keys. Use the dialog box to select **Compiled Help Files** type from drop-down list, select the folder and the file and click **OK**.

To compile a book into a file of the CHM format, you should select the *File/Export...* menu item. Use the dialog box to select the folder and the file and click **OK**.

You will have to install **Microsoft HTML Workshop** to be able compile a book into the CHM format. This program is freeware and you can download it from the Microsoft site.

[Download Microsoft HTML Workshop](#)

See. [Configuring exporting to the CHM format](#).

To create HTML book please do the following:

1. Press **F10** key to open [Project settings dialog](#).
2. Select [HTML](#) tab.
3. Set up required settings (including [Template](#)).
4. Select [HTML menu](#) tab.
5. Set up required settings.
6. Press **OK** to confirm changes.
7. Select the `File/Export...` menu item or press **Ctrl+Shift+H** keys. Use the dialog box to select **HTML Files** type from drop-down list, select the folder and the file and click **OK**.

## *PDF documentation*

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To create a PDF book, select the `File/Export...` menu item or press **Ctrl+Shift+P** keys. Use the dialog box to select **PDF Files** type from drop-down list, select the folder and the file (or type it) and click **OK**.

You may set up [PDF options](#) by pressing **F10** key and selecting **PDF** tab.

## *RTF documentation*

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To create RTF book, select the File/Export... menu item or press **Ctrl+Shift+R** keys. Use the dialog box to select **Rich Text Files** type from drop-down list, select the folder and the file and click **OK**.

## Custom documentation

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To create custom documentation please do the following:

1. Press **F10** key to open **Project settings dialog**.
2. Select **Custom** tab.
3. Select required [Template](#).
4. Select file **creation** mode. If **Multiplay files** mode are selected then specify **File name mask**.
5. Press **OK** to confirm changes.
6. Select the **File/Export...** menu item or press **Ctrl+Shift+M** keys. Use the dialog box to select **Custom format** type from drop-down list, select the folder and the file and click **OK**.

## Compiling EXE book

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It is possible to create e-textbooks in **.EXE** format, eliminating the need for students to have the SunRav BookReader module.

To compile a book in to a file of the **.EXE** format, you should press **F9** key or  button. Use the dialog box to select the folder and the file and click **OK**.

You can insert the following elements into any section:


- [Files \(documents\)](#)
- [Images](#)
- [OLE objects](#) (formulas, tables, diagrams, sounds, videos, etc.)
- [Windows components](#)
- [Horizontal lines](#)
- Tables

## *Inserting images*

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You can insert different images of the **jpg**, **jpeg**, **png**, **gif**, **bmp**, **dib**, **ico**, **emf** and **wmf** formats into a chapter.

To do this, you should do the following:

1. Place the cursor where you want to insert an image.
2. Press **Ctrl+Shift+P**, or right-click and select the `Import/Insert image...` menu item, or click the  button.
3. Use the standard dialog box to select the image to be inserted.

Another way is to use the Drag'n'Drop technology.

1. Place the cursor where you want to insert an image.
2. Left-click the image file in Windows Explorer or some other file manager (for example, Total Commander), drag it to SunRav BookEditor and release the button.

## *Inserting files*

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You can insert (import) various documents into a section:

- Rich Text Format (RTF) files.
- HTML documents.
- Text files.

If you have Microsoft Office installed on your computer, SunRav BookEditor will be able to import its formats as well:

- Word documents (doc)
- Excel documents (xls)
- HTML documents
- Windows Write
- etc.


To insert a document (a file) into a chapter, you should place the cursor where you want to insert it and press **Shift+Alt+F** or do the following:

1. Place the cursor where you want to insert the file.
2. Select the **Insert/File...** menu item or click the  button.
3. Use the standard dialog box to select the file type and the file to be inserted.

## ***Inserting OLE objects***


---

You can insert any OLE objects such as formulas (Microsoft Equation), tables, diagrams, sounds, videos, etc. into a section. To do it, you should do the following:









1. Place the cursor where you want to insert an OLE object.
2. Select the **Insert/OLE object...** menu item or click the  button.
3. Specify the settings of the OLE object.
4. Use the standard dialog box to select the OLE object.

## Inserting Windows control elements

---

You can insert some standard elements of Windows interface into your book. You can insert them by pressing  button :



-  - input field
-  - text field
-  - button
-  - checkbox
-  - radio button
-  - list box
-  - combo box
-  - radio group

## *Inserting horizontal lines*

---

To insert a horizontal line, you should do the following:

1. Place the cursor where you want to insert an horizontal line.
2. Press **Shift+Alt+L** keys, or select the Insert/Horizontal line... menu item.

## ***Editing element properties***

---

To edit the properties of elements inserted into the text, you should place the cursor to the right from the element you need and select the `Edit/Element properties...` menu item for the first three types of elements and `Edit/Control element properties...` for Windows components.

## Templates

---

Templates separates data from presentation and lets you change the format of the output text. BookEditor takes some template (regular string with XML-like tags) as input and produces some output.

With templates producing text in different formats is easy as ABC -- you specify the template and let BookEditor supply data to the generator. The rest is defined by template. Whenever you need a plain text, XML or HTML, SGML, CSV or custom text document, you get any of them by just selecting required template.

The SunRav BookEditor passes the data to the generator on request, i.e. when SunRav BookEditor comes across <macro> tag. Several tags let you implement loops and conditions and comment some parts of template. The information represented as plain text in template is passed to output without changes (with except of tag processing which might cause repetition or exclusion of information).

Using templates you will extend power and flexibility of text reporting in SunRav BookEditor without efforts.

### **Description**

Each template is a string that contains zero or more text characters and zero or more control tags. Tag is a case-sensitive character sequence that is enclosed in `<` and `>` characters. Each tag has a name - alphanumeric sequence of characters.

Each tag can have one or more parameters represented as `name="value"` pair. Each tag must either be closed or have a closing pair.

### **Example:**

```
<macro name="MacroName"/>
```

```
<if name="condition"></if name="condition">
```

Unlike XML and HTML languages, each control tag including closing tags must have non-empty "name" parameter as shown in the above example for if tag.

When prefix is defined for example to #, the tag will look like

```
<#if name="condition"><#/if name="condition">
```

The following tags are defined:

1. [Loops](#)
2. [Conditions](#)
3. [Macros](#)
4. [Comments](#)

## Loops

---

### Syntax:

```
<repeat name="loop name"></repeat name="loop name" >
```

Loops represent Pascal/C while loop and let the SunRav BookEditor process the block zero or more times.

Loop	Description
<pre>&lt;repeat name="ITEMS"&gt; &lt;ITEM&gt; loop body &lt;/ITEM&gt; &lt;/repeat name="ITEMS"&gt;</pre>	Run through all chapters of book.
<pre>&lt;repeat name="SECTIONS"&gt; &lt;SECTION&gt; loop body &lt;/SECTION&gt; &lt;/repeat name="SECTIONS"&gt;</pre>	Run through all (only 2 in the current version) columns of book TOC.

### Example

```
<repeat name="ITEMS">
<ITEM>
<repeat name="SECTIONS">
<SECTION>
<if name="SectionIndexIs" eq="1">
<macro name="CURITEMTITLE"/> // Chapter title
<else name="SectionIndexIs"/>
<macro name="CURITEMID"/> // Chapter ID
</if name="SectionIndexIs">
</SECTION>
</repeat name="SECTIONS">
</ITEM>
</repeat name="ITEMS">
```

## Conditions

---

Syntax:

```
<if name="condition name"><else name=" condition name "/></if name=" condition name ">
```

Conditions let the SunRav BookEditor put one of two parts of template to output document. Blocks enclosed in <if> tag are not limited to plain text and can contain other control tags.

Condition	Description
SectionIndexIs {eq="number" lt="number" gt="number"}	Evaluates to true if current column index is equal, lower than or greater than specified number. 0 - chapter title column 1 - chapter ID column
ItemAbsIndexIs {eq="number" lt="number" gt="number"}	Evaluates to true if current chapter number is equal, lower than or greater than specified number 0 - chapter title column 1 - chapter ID column
ItemLevelIs {eq="number" lt="number" gt="number"}	Evaluates to true if current chapter level is equal, lower than or greater than specified number 0 - chapter title column 1 - chapter ID column

## Macros

---

Syntax:

```
<macro name="macro name"/>
```

Macros let the SunRav BookEditor substitute some information in the place of macro.

Macros	Description
Used in <repeat name="ITEMS"> <b>only</b> .	
CURITEMTITLE	Chapter title
CURITEMID	Chapter ID
CURITEMINDEX	Chapter index
CURITEMLEVEL	Chapter level
CURITEMTEXT	Chapter text
CURITEMSAFETEXT	Chapter HTML safe text
CURITEMHTML	Chapter HTML formatted text
CURITEMRTF	Chapter RTF formatted text
FOLDERIMG	Folder image hyperlink
LINEIMG	Connecting image hyperlink
Current chapter related	
ITEMTITLE	Chapter title
ITEMID	Chapter ID
ITEMINDEX	Chapter index
ITEMLEVEL	Chapter level
ITEMTEXT	Chapter text
ITEMSAFETEXT	Chapter HTML safe text
ITEMHTML	Chapter HTML formatted text
ITEMRTF	Chapter RTF formatted text
ITEMKEYWORDS	Chapter keywords
Book related	
BOOKHEADER	Book header
BOOKFOOTER	Book footer
BOOKHTMLHEADER	Book HTML formatted header
BOOKHTMLFOOTER	Book HTML formatted footer
BOOKTITLE	Book title
BOOKCHARSET	Book charset
BOOKDESCRIPTION	Book description
BOOKHTMLDESCRIPTION	Book HTML formatted description

## Comments

---

Syntax:

```
<comment name="name"/> or
```

```
<comment name="name">...</comment name="name">
```

Comments are not processed and are thrown away. Comments exclude part of template they wrap from processing. Comments can be nested.

## *Passwords*

---

You can use password to protect the contents of any book against being edited or viewed.

To set a password for a book, press **F10**. Use the **Passwords** group to enter the password for viewing in the **Viewing** field and the password for editing in the **Editing** field.

## Printing

---

You can print out the entire book or one of its sections.

To preview the result of printing, do the following:

- If you print out a book, select the *File/Print preview* menu item.
- If you print out a section of a book, go to that section and select the *Section/Print preview* menu item.

Click the **Print...** button in the Preview window to print out the document.

To print out a book or a section without previewing them, do the following:

- If you print out a book, select the *File/Print...* menu item.
- If you print out a section of a book, go to that section and select the *Section/Print...* menu item.

## **Keywords**

---

You can specify a set of keywords for each chapter. With keywords, the search in SunRav BookReader is much faster.

To specify a set of keywords and (or) key phrases, enter them in the lower **Keywords** input field. Words and phrases should be separated with commas.

## Links


---

You can use various links in your books. There are 4 main types of links:


1. Links to chapters (sections) of a manual.
2. Links to tests.
3. Links to documents or programs on the computer.
4. Links to documents in the Internet.

A piece of text or an image can serve as a link. Each text link is underlined and highlighted with blue color. To create a graphic link, you should place the cursor right after the image and execute step 4 from the following description:

Clicking a link of the first type will take you to the corresponding chapter of the manual. To make a link of this type, you should:

1. Type the text of the link.
2. Select it with your mouse.
3. Click the  button.
4. Select the name of the chapter in the dialog box and click OK.

Clicking a link of the second type will take you to the corresponding test. To create a link of this type, you should:

1. Type the text of the link.
2. Select it with your mouse.
3. Click the  button.
4. Enter the name of the test file in the dialog box. For example, logica.srt.

The test must be in one of the following locations:

1. In the folder where SunRav BookEditor or SunRav BookReader is installed. It means that if you run a test from SunRav BookReader, it can be situated in the folder:

C:\Program Files\SunRav BookOffice\BookReader.

2. In the tests subfolder of the program folder. For example,

C:\Program Files\SunRav BookOffice\BookReader\tests.

3. In the same folder where tTester is. For example,

C:\Program Files\SunRav TestOfficePro\tTester.


4. In the tests subfolder of the tTester folder. For example,

C:\Program Files\SunRav TestOfficePro\tTester\tests.

5. In any other folder. In this case you should specify the full path to the test. For example,

C:\Tests\logica.srt.

Clicking a link of the third type will open the corresponding document or program. To create a link of this type, you should:

1. Type the text of the link.
2. Select it with your mouse.
3. Click the  button.
4. Enter the name of the chapter in the dialog box. For example, readme.txt.

The file of a program or a document can be located:

1. In the folder where SunRav BookEditor or SunRav BookReader is installed. It means that if you open a document of a file from SunRav BookReader, it can be in the folder:


C:\Program Files\SunRav BookOffice\BookReader.

2. In the docs subfolder of the program folder. For example,

C:\Program Files\SunRav BookOffice\BookReader\docs.

3. In any other folder. In this case you should specify the full path to the document or file. For example, C:\MyDocs\Mathematics.doc.

Clicking a link of the fourth type will take you to the corresponding web-page or open your mail client for composing a message. To create a link of this type, you should:

1. Type the text of the link.
2. Select it with your mouse.
3. Click the  button.
4. Enter the URL (address) you need in the dialog box. For example, <http://www.sunrav.com> or <mailto:info@sunrav.com> .

## Styles

---

A style is a set of text parameters such as font name, font size, character set, color and style. SunRav BookEditor can work with styles.

To apply a style to some text, you should just select the text and select the style you need from the corresponding drop-down list.

To **add** a new style, you should:

- Select the text having the style you want to add.
- Select **Style/Add...** menu item.
- Enter a name for the new style in the dialog box and click **OK**.

To **delete** a style, simply select it and select **Style/Delete...** menu item.

To **edit** a style, do the following:

- Select some text having the style you want.
- Select **Style/Replace...** menu item.
- Enter the name of the style you want to edit in the dialog box and click **OK**.

Select the **Style/Save** menu item to **save** the current list of styles to a file.

Select the **Style/Open...** menu item to load a list of styles. New styles will be added to the current ones.

While editing text, you can press **Ctrl+Space** to open the list of styles next to the text you are editing. You can select the necessary style using the up/down arrow keys and press **Enter** to change the style of the selected text.

## ***BookEditor settings***

---

To change the settings of the program, you should open the Settings dialog box by either pressing **Ctrl+Shift+F2** or selecting the File/Program Settings menu item.

You will see a dialog box with three tabs:

- [Main](#)
- [Appearance](#)
- [HTML and CHM](#)

See also [Command line parameters](#)

## Main settings

---

**Show the “Table” toolbar automatically** – if this checkbox is selected, the “Table” toolbar will be displayed only when the cursor is inside a table.

**Autosave** – if this checkbox is selected, the book will be automatically saved every M minutes.

**Quick autosave** – if this checkbox is selected, “quick” save will be used for autosave. In this case the size of your file will increase (sometimes dramatically).

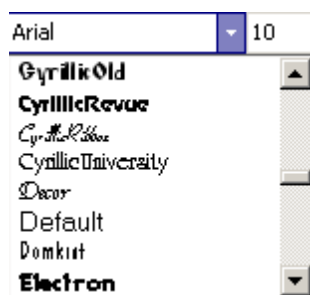
**Confirm overwriting existing files** – if this checkbox is selected and you try to save a book or export a book to a file (chm, rtf), you will see a warning if a file with such a name already exists and you will have to confirm overwriting it.

**Run the file after it is compiled** – if this checkbox is selected, the compiled file will be run automatically after it is exported to CHM, RTF or HTML.

**Open styles hen the program is started** – when you start the program, it will load the specified list of styles.

**Apply styles to the list of styles** – each style in the list will look like text it is applied to.

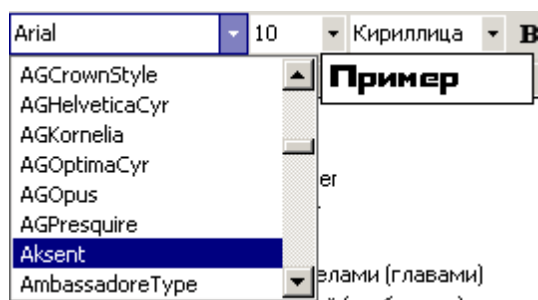
**Apply fonts to their names in the font list** – the name of each font in the list will be shown using this font. For example:



## Appearance

---

**Show sample text when a font is selected** – the user can see what of a piece of text will look like with the selected font applied to it. For example,



**Toolbar style** – the user can select a visual style for toolbars and menus. If the program is running under Windows XP, the **Use Windows XP themes** becomes available – the toolbars and menus will be shown using the current Windows XP style.

**Language** – the language of the program interface.

Parameters for exporting:

**Do not use borders around image links** – if this checkbox is selected, image links on HTML pages will not have a special border showing that an image is a hyperlink. If the checkbox is not selected, such images will have this border.

**Specify the size of images in HTML files** – if this checkbox is selected, information about the size of images will be inserted into HTML files.

**Image prefix** – prefix for saved images.

**Save control elements as** - this option determines the way of exporting Windows control elements. Component – they will be converted to the corresponding HTML tags (if possible). Image – they will be converted to images (if possible).

**Path to the CHM compiler** – determines the location of the hhc.exe file on the disk (CHM files compiler).

**Show compilation progress** – if this checkbox is selected, the dialog box with the progress bar will be displayed during the compilation process.

## Command line parameters

---

You can run SunRay BookEditor with various parameters to configure its behavior more flexibly. You can see these parameters below:

***BookFileName.srb*** – runs the program and opens the ***BookFileName.srb*** book.

***/chapter chapter*** - opens the *chapter* when you open the book. It makes sense only if a filename is specified.

***/tester TesterFullPath*** - specifies the location of tTester. For example, */tester "C:\Program Files\TestOfficePro\tTester\tester.exe"*

## *How to register*

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You can use one of the following ways:

- Online Ordering
- Phone Orders
- Fax or Mail Orders
- Purchase Orders
- Check or Cash Orders

To order the program, please go to the page: <http://www.sunrav.com/order>

If you do not receive the registration code within 1-2 business days after paying, or if you have any problems with ordering, please do not hesitate to contact us at <http://www.sunrav.com/support>.

### **SunRav TestOfficePro**

The complete solution for knowledge, personality and aptitude testing and assessment. SunRav TestOfficePro can be used for academic and pre-employment testing, personnel testing and certification or as a part of computer-aided teaching solutions.

**tMaker** is a feature-rich tool for creation of tests used by **tTester** - the SunRav TestOfficePro testing module. SunRav TestOfficePro also includes **tAdmin** - the tool for test data processing and remote user management. Use tMaker to easily create tests for school and college achievement testing, pre-employment personality or aptitude testing, for students assessment and employee certification. You can use in your tests various fonts, formulas, graphs, charts, tables, sounds and video files, HTML documents and any OLE objects. Any question and answer can be formatted using all variety of fonts, various alignments, paragraph styles, lists, subscripts, superscripts etc. All test information is ciphered using the strong encryption algorithms. The program supports multiple languages and features the ability to add new languages by editing a plain text language file.

**Home page:** <http://www.sunrav.com/products/srtop/>

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### **SunRav TestOfficePro.WEB**

SunRav TestOfficePro.WEB is a comprehensive software bundle that offers modules for creating test, taking them and processing the results. Importantly, implementing and deploying online testing system with SunRav TestOfficePro.WEB takes little time and effort. The program offers two ways of running online tests - with and without MySQL database support. Moreover, the application comes with ready-made scripts and detailed instructions when and how to apply them.

The program allows administrators to create a wide variety of online tests, including the ones with multimedia support. To prevent unauthorized access or falsifying results, the program uses password protection and strong encryption algorithms.

The spectrum of possible applications for SunRav TestOfficePro.WEB is truly unlimited - remote education, assessing the results of training programs and seminars, applicants pre-screening, certification, and so on.

MySQL support feature enables administrators to build a variety of individual or group reports with any level of details. These reports quickly show which test topics generated the best results and which ones were mostly failed. Another advantage of using MySQL in conjunction with SunRav TestOfficePro.WEB is a capability to continuously track performance of users to see whether they are progressing or not. Finally, MySQL database offers a wealth of opportunities to experienced administrators for processing results.

Use tMaker to easily create tests for school and college achievement testing, pre-employment personality or aptitude testing, for students assessment and employee certification.

The program supports multiple languages and features the ability to add new languages by editing a plain text language file.

**Home page:** <http://www.sunrav.com/products/srtopweb/>

