

# SmartTracker Books Index

SmartTracker Books is designed to let you catalog, organize and track your book collection.

## General Topics

[Colors](#)

[Entering Books](#)

[Exporting](#)

[Importing](#)

[Maintenance](#)

[Report Options](#)

[Report Viewing](#)

[Searches](#)

[Book Viewer](#)

[User Definable Reports](#)

[Troubleshooting](#)

[Viewer Configuration](#)

## Main Window

[Book Viewer](#)

[Add](#)

[Edit](#)

[Copy](#)

[Delete](#)

[Search](#)

[End Search](#)

[Report](#)

[Help](#)

[Close](#)

## Book Input Window

[Book Type](#)

[Title](#)

[Author](#)

[Publisher](#)

[Year Published](#)

[Category](#)

[Adding](#)

[Personal Rating](#)

[Adding](#)

[Location](#)

[Adding](#)

[Cost](#)

[Value](#)

[ISBN](#)

[Date Purchased](#)

[Where Purchased](#)

[Description](#)

[Volume](#)

[Issue](#)

[Edition](#)

[Pages](#)

[Key Words](#)

[Catalog Number](#)

[Library Status](#)

[Update](#)

Cancel  
Clear  
Help

Search Window

Report Window

Sort By  
Style  
Print/View  
Help

**Menu Commands**

File (Menu)  
Add (Menu)  
Edit (Menu)  
Copy (Menu)  
Delete (Menu)  
Maintenance (Menu)  
Exit (Menu)  
Report (Menu)  
Options (Menu)  
Colors (Menu)  
Import (Menu)  
Export (Menu)  
Help (Menu)  
Contents (Menu)  
About (Menu)

## **Add**

Selecting the Add Button takes you to the **Book Input Window**. All fields will be set to their initial default values (mostly blank). Information can now be entered about a book.

## **Edit**

Selecting the Edit Button takes you to the **Book Input Window**. All fields will be set to the values entered previously for the particular book selected. Information can now be modified if desired.

## **Book Input Window**

This allows you to enter all the information about a particular book. Information includes the **Book Type**, **Title**, **Author**, **Publisher**, **Year Published**, **Category**, **Personal Rating**, **Cost**, **Value**, **ISBN**, **Date Purchased**, **Where Purchased**, **Volume**, **Issue**, **Edition**, **Key Words**, **Location**, **Pages**, **Catalog Number**, **Library Status** and **Description**. These characteristics can be **cleared** for an easy start-over of entering the book information as well as **Canceling** the whole input.

## **Delete**

Selecting the Delete Button allows you to remove the selected book from the data base. You will be prompted to make sure that you want to delete the book before actual deletion takes place.

## **Close**

Selecting the Close Button terminates the program.

## Search

Selecting the Search Button activates the Search Window. You may enter a variety of search information to locate the desired books. All books which fit the search criteria will be moved into the Book Viewer. A message appears in the upper left corner of the book viewer which states "SEARCH ON" to indicate that the book viewer contains search information. In addition, the End Search button will activate which allows you to turn off the search. While a search is on, you may continue to work as normal--copy, edit, delete, etc. You may also use the export command which will limit the export to the search criteria only.



## **Help**

Selecting the Help Button activates the help system. The help system displays the main topic of the area from where help was selected.

## Report

Selecting the Report Button activates the Report Window. You may view and print a variety of reports.

## Search Window

The Search Window allows you to enter search criteria to locate a given book. The following information can be searched upon: **Title**, **Author**, **Publisher**, **Year Published**, **Where Purchased**, **ISBN**, **Description**, **Catalog Number**, **Key Words**, **Book Type**, **Location**, **Checkout Status**, **Category** and/or **Personal Rating**. You may select to search on one item or multiple items. For example, if you want to search for all books published in 1990, then enter 1990 in the Year Published field. If you wanted to search for all books published in 1990 that were in the Romance category, then enter 1990 in the Year Published field and select Romance as the category. Where text is entered, you need only enter that portion of the text that you want a search to take place on. For example, under title, you could enter "flower" to find all books that had the word "flower" in the title. This would find all titles with "flower" and "flowers". If you just wanted to find "flowers", then you would enter "flowers". The searching capabilities on the **Key Words** work in a unique way.

Once the search criteria has been entered, you select the OK Button and the search immediately takes place. If for some reason you decide that you do not want to perform a search after all, then you may select the Cancel Button. The Clear Button is available as a tool to quickly clear all the search fields so different search criteria can be entered. Once search criteria has been entered, it is remembered so that the next time you want to perform a search, the last search criteria used will be present.

## Report Window

The Report Window allows you to view or print a variety of reports. The report type is determined by selecting a Sort Order and a Report Style. User Definable reports are also available as an option under the report style.

## **Add (Menu)**

Selecting Add from the Menu performs the same operation as the **Add Button**.

## **Edit (Menu)**

Selecting Edit from the Menu performs the same operation as the **Edit Button**.

## **Delete (Menu)**

Selecting Delete from the Menu performs the same operation as the **Delete Button**.

## **Maintenance (Menu)**

Selecting Maintenance from the Menu brings up a submenu which contains four items. The first is for maintaining your list of Categories, Personal Ratings and Locations which calls the **Maintenance List Window**. The other three submenu items are all for maintaining the actual database and are mainly used for **troubleshooting** and resolving problems that may be present in the database. These three options are named **Rebuild Index**, **Pack Database** and **Reset Key**.



## **Exit (Menu)**

Selecting Exit from the Menu terminates the program.

## **Report (Menu)**

Selecting Report from the Menu performs the same operation as the **Report Button**.

## **File (Menu)**

Selecting File from the Menu brings up a submenu consisting of **Add**, **Edit**, **Delete**, **Maintenance** and **Exit**.

## Help (Menu)

Selecting Help from the Menu brings up a submenu consisting of [Contents](#) and [About](#).

## **Contents (Menu)**

Selecting Contents from the Menu invokes the help system and brings you to the Index within it.

## **About (Menu)**

Selecting About from the Menu displays the version number of the program and the copyright notice.

## **Maintenance List Window**

The Maintenance List Window allows you to maintain a list of Categories, Locations and Personal Ratings for your books. The software comes with predefined categories and ratings. You may however, at your discretion, add new categories and ratings or remove them. If you are only collecting certain types of books, then you may wish to list just those categories as all others will have no meaning. You may also set up your own rating system and enter any descriptive words you like (ie Bogus, Excellent, etc). No default locations are provided as definitions for locations can vary widely. Your books may be located in different buildings, rooms, walls, shelves, etc.

You may add a category by filling in the category edit box and then selecting the Add Button. To delete a category, you highlight the desired category inside the list box and then select the Delete Button. If you wish to modify a category, you will need to first delete it, then add it back in with the correct spelling. You may add, remove and modify personal ratings and locations in the same manner.

## **Title**

This is the title of the book.



## **Author**

This is the author of the book. Multiple authors may be entered here, but be cautioned that space is limited to 60 characters.

## **Publisher**

This is the publisher of the book.

## **Year Published**

This is the year that the book was published.

## Category

The category describes the type of book. There are many different possibilities for book categories. These may include such things as Western, Romance, Religious, etc. A predefined list of categories is provided with the software. However, you are given flexibility over what you would like to appear in this list. You may add, remove and modify the categories by selecting the **Add Button**.

## Personal Rating

The personal rating describes how you personally feel about the book. There are many different possibilities for personal ratings. A predefined list of ratings is provided with the software. However, you are given flexibility over what you would like to appear in this list. You may add, remove and modify the ratings by selecting the **Add Button**.

## **Cost**

This is the purchase price of the book.

## **Value**

This is the current value of the book. This is useful for those collections of older books where the value of the book increases over time.

**ISBN**

This is the ISBN (International Standard Book Numbering) number that is associated with the book. This can be very useful in ordering and obtaining additional copies of the same book.



## **Where Purchased**

This is where you purchased the book.

## **Date Purchased**

This is the date that you acquired the book.

## **Description**

This is a brief description of the book or may be used as a general comment area on the book.

## **Adding**

Selecting the Add Button brings up the **Maintenance List Window** and allows you to modify the category, location and personal rating lists.

## **Book Update**

Selecting the Update Button saves all the information about the book and returns you to the main window.

## **Book Cancel**

Selecting the Cancel Button aborts any changes you have made regarding the book. You are returned to the main window.

## **Book Clear**

Selecting the Clear Button removes all information about the book that may have been entered and sets all values to the initial default values.

## Sort By

You may have your reports sorted in one of seven ways. These are as follows:

### Title

This will generate a report where the books are sorted alphabetically by title.

### Author

This will generate a report where the books are grouped by Author. A subheading consisting of the author of the book will appear above all books of the given author. An edit box located directly to the right of the Author Sort selection allows you to enter a specific author. A search will be made on the author that you enter and a report will be generated consisting of only that author.

### Category

This will generate a report where the books are grouped by category. A subheading consisting of the category of the book will appear above all books found in that category. A list box is available so that you can print out the books for a single category if desired. You may wish to do this after updating books in a category instead of printing the entire list out again. To print an entire list, you would select the **ALL CATEGORIES** choice in the list box.

### Rating

This will generate a report where the books are grouped by your personal rating. A subheading consisting of the rating of the book will appear above all books with that rating. A list box is available so that you can print out the books for a single rating if desired. You may wish to do this after updating books in a rating instead of printing the entire list out again. To print an entire list, you would select the **ALL RATINGS** choice in the list box.

### Book Type

This will generate a report where the books are grouped by book type. A subheading consisting of the book type will appear above all books with that book type. A list box is available so that you can print out the books for a single book type if desired. You may wish to do this after updating books in a given book type instead of printing the entire list out again. To print an entire list, you would select the **ALL TYPES** choice in the list box.

### Catalog

This will generate a report where the books are sorted alphabetically by the catalog number.

### Location

This will generate a report where the books are grouped by location. A subheading consisting of the location of the book will appear above all books at that location. A list box is available so that you can print out the books for a single location if desired. You may wish to do this after updating books in a given location instead of printing the entire list out again. To print an entire list, you would select the **ALL LOCATIONS** choice in the list box.



## Style

The style of the report determines the amount of information you want printed about each book. This consists of four different options.

### 1 Line Description

This will generate a report where there is only one line of data for each book. The information included is the Book Title, Year Published and Author.

### 2 Line Description

This will generate a report where there are two lines of data for each book. The information included is the Book Title, Year Published, Category, Author and Personal Rating.

### Full Description

This will generate a report where all the information about an item is printed. This requires 7 lines of data for each item.

### User Defined

This allows you to select a user defined report. The software comes with a couple user defined reports and allows you to **create your own**. With this option selected, the report description list box is activated as well as the Edit Button. The Edit button allows you to edit, delete and create your own reports.

## **View/Print**

Selecting the View/Print button generates the desired report and sends it to the **Report Viewing** window where it can be viewed or printed.

## Support

### Support

Insight Software Solutions offers a three month period during which any reported major problems with the software will be updated for free. If a major problem cannot be resolved, then a refund of money will be made. Support is offered through the following channels:

Mail:

Insight Software Solutions  
P.O. Box 354  
Bountiful, UT 84011-0354

Phone: 801 295-1890

Fax: 801 299-1781

CIS: [71672,3464] (Compuserve)

BBS: 801 963-8721 (Join Conference 4)

Note: CIS & BBS are usually monitored daily.

## Copy

Selecting the Copy Button takes you to the **Book Input Window**. All fields will be set to the values entered previously for the particular book selected. Information can now be modified if desired. When the Update button is pressed, the information will be saved as a new book. The previous book that had been selected will remain intact. You will find the copy command very useful for books that are very similar.

## **Edit Report Line Window**

This window allows you to design an individual line that will appear in the user definable report. You may specify up to 20 items to appear on the line. These items can consist of database elements, blanks or labels.

### **Line Item**

This consists of a list box which allows you to choose the item to be presented on the line. It contains an option for a label (<LABEL>), an option for blanks (<FILLER>) and options consisting of the database elements. If the report line is for Totals, then the database elements will only contain those items which can have totals applied to them. Selecting an item will place it at the current location in the line. At the bottom of the screen, there will be an illustration of where the items will be in the line.

### **Size**

This specifies the number of spaces to allocate to the item. If the item is too big to fit in the space allocated, it will be truncated. If you try to allocate more space than is currently available on the line, the amount of space will be truncated to the maximum available size.

### **Label**

This is only available if the Line Item selected is a label (<LABEL>). This is the actual text that you want to appear on the report as the label.

### **Buttons**

Buttons available are Ok and Cancel. The Ok button simply accepts the information and returns you to the previous window. The Cancel button allows you to abandon any changes that you have made.

NOTE: Labels are always right justified while database elements are always left justified. You may therefore wish to place blanks (fillers) between labels and database elements.

## **End Search Button**

Pressing the End Search button will deactivate a search. The stamp viewer will reload using the entire database. The "SEARCH ON" message is removed to indicate that a search is not in progress.

## Exporting

You may export stamp information to an Ascii Delimited File. The Ascii Delimited File format is supported by most other programs with import capabilities. This format creates an ascii file with each element of the database surrounded in double quotes and separated by commas. Great flexibility is given with the export feature--you may specify which items to export and the order in which to export them. You can also limit the number of stamps to export by using the Search mode.

### Select Items

The Export Window displays a list of check boxes consisting of each of the stamp elements. Simply check the box and that element will be exported.

### Select Order

Following each check box is an edit box which specifies the order in which to export. For example, if you want the first item of each record to be the "Title" field, then enter a "1" in the edit box following the "Title" checkbox. Before any exporting takes place, a check is made to verify that the order is okay.

### Select Books

You may export the entire database of books or you may limit the number of books to export. Limiting the books is done through use of the search facility. If a search is currently in progress when the export facility is invoked, then only those books which were found in the search will be exported. A database status box appears in the lower left corner of the export window indicating whether the entire database will be exported or if only the search criteria will be exported.

### Button Action

The "Export" button is used to activate the export once all the export criteria has been selected. Once pressed, you will be prompted for a file name to export to. After exporting is complete, the options you selected for export will be saved so that they will appear the next time the export feature is used. The "Cancel" button simply aborts the export process.

**NOTE:** Please be aware that the date format for both importing and exporting takes the following form: dd Mmm yyyy (12 Jun 1995)

## Importing

You may import book information from an Ascii Delimited File. The Ascii Delimited File format is supported by most other programs with export capabilities. This format creates an ascii file with each element of the database surrounded in double quotes and separated by commas. Much flexibility is given with the import feature--you may specify which items to import and the order in which to import them.

### Select Items

The Import Window displays a list of check boxes consisting of each of the book elements. Simply check the box and that element will be imported.

### Select Order

Following each check box is an edit box which specifies the order in which to import. For example, if the first item of each record to be imported is the "Title" field, then enter a "1" in the edit box following the "Title" checkbox. Before any importing takes place, a check is made to verify that the order is okay.

### Button Action

The "Import" button is used to activate the import once all the import criteria has been selected. Once pressed, you will be prompted for a file name to import from. After importing is complete, the options you selected for import will be saved so that they will appear the next time the import feature is used. The "Cancel" button simply aborts the import process.

**NOTE:** Please be aware that the date format for both importing and exporting takes the following form: dd Mmm yyyy (12 Jun 1995)

**CAUTION:** You must make sure that order and number of fields selected matches that of the file you are importing from. Undesirable results may occur if they do not. When in doubt, test the import with one item first to make sure it will import in the way desired.



## **Pack Database**

This program uses DBase compatible files. When a deletion of a book occurs, it is only marked as deleted. To physically remove the deleted books from the database, a process called "packing" must occur. Selecting this option will "pack" the database and thus free up space. It is recommended that you pack your database every once in a while.

## **Rebuild Index**

It is possible for your index files to become corrupted. This may happen by not exiting the program properly (shutting the computer off while the program is running) or by other means. As a result, some books may not show up in the viewer or in reports because they cannot be found in the appropriate index. Selecting this option will rebuild your index files correctly so that the problem will go away.

## **Report Viewing Window**

This window is for viewing the reports prior to printing them. It consists of a large scrollable window that contains a page of the report. You may use the scroll bars to view the different parts of the current page. A menu bar exists at the top of this window to allow for several actions. They are as follows:

### **Print**

This brings up a submenu with four options. One is for printing the current page you are viewing and one is for printing the entire document. The other two are for saving the current page or the entire document out to an ascii text file.

### **Next Page**

This creates and displays the next page of the report. If you are on the last page, then nothing happens.

### **Previous Page**

This creates and displays the previous page of the report. If you are on the first page, then nothing happens.

### **Exit**

This exits the report viewing window and returns to the report options window.

### **Setup**

This allows for selecting and setting up of your printer for the printed report.

### **Help**

This simply invokes the help system.

## **Reset Key**

The program maintains a counter to use as a unique KEY in the database for each new book. If this counter gets out of sequence with the number of books, an error message claiming a "Unique Key" must be used will occur when a new book is added. Selecting this option will automatically reset this counter to the correct value thus resolving the problem.

## Troubleshooting

Help!!! Things just don't seem to be working right! I'm getting strange error messages! What can I do???

This section covers a couple of the most common errors that you might run into while using this (or any other Database type) program. Two options are built right into the program which can take corrective action for their respective problems. These two options are **Rebuild Index** and **Reset Key**. These are accessed via the menu system by first selecting File and then Maintenance.

## User Definable Report Window

This window allows you to create your own report layouts. The description of the report appears as an item in the user definable list box on the report window where it can be selected and used. The options for the user definable reports are as follows:

### Report Name

This is a descriptive name of the report and does not actually appear on the report. This name appears as one of the choices in the list box of user definable reports.

### Report Width

You may specify a report width of 90 characters which produces a larger, more legible report. Alternatively, you may specify a report width of 120 which will allow you to pack much more information on each page.

### Font

You may choose from any True Type font that has been loaded on your computer. This font will be used as the report font. You may optionally select to bold or italicize the font without having to go and rechoose the font.

### Report/Modify Report Content

Each book can occupy up to 12 lines of information. You enter the number of lines you wish to each book to use. Each line has a button associated with it. Pressing one of the buttons takes you to the Edit Report Line Window where you can specify the layout of the particular line. Each line may have labels, blanks and database elements placed on them. As the line format is created, the basic format of the line is displayed below. Totals allows the total amount of all books, costs and/or values to be displayed in the report. Pressing the Mod Totals Line button takes you to the Edit Report Line Window where you can set up how the totals line is to look. **Please Note:** It is possible to create statistic/summary only reports by setting the number of lines to be used to zero and entering a definition for the Totals Line.

### Report Titles

You may specify up to three report headers which will appear on the top of each page of the report. Use these for your name, address, phone, import information about your collection or for anything appropriate.

### Miscellaneous

There are two items available under the miscellaneous section consisting of Column Headers and Page Numbers. Column Headers are only available for reports which use only one line for each book. Selecting this option will automatically place a column header at the top of each page and at the start of each new group for each of the book elements specified in the report. Selecting Page Numbers causes the report to show page numbers at the bottom of each page.

### Buttons

Buttons available are Update, Delete, Cancel and Help. The Update button simply saves all the report layout information and makes it available as a report option. The Delete button removes the report layout from the computer. The delete button is only active if the report title has not been changed. The Cancel button allows you to abandon any changes that you have made while the Help button simply invokes the help system.

## Viewer Configuration

You may configure the **Book Viewer** to your liking by selecting the order of items and the width of each item. You may also select only those items you wish to see in the viewer.

### Book Element

The Viewer Configuration Window displays a list of check boxes consisting of each of the book elements. Simply check the box of the element that you wish to appear in the viewer.

### Column Order

Following each check box is an edit box which specifies the order in which to display the book elements. Placing a '1' in the box will indicate that the element is to be displayed first. A '2' indicates that it will be second. When setting the order, you must start at "1" and use consecutive numbers. An error will be displayed if numbers are duplicated or used out of sequence.

### Column Width

Following the Column Order is another edit box which specifies the width (in characters) to allow for the book element. For example, if you specify 20 characters for the book description, then those descriptions which are longer will be truncated and the truncated part will not show up in the viewer. Please note that proportional spaced fonts are used in the viewer. When specifying a width of 20, more or less than 20 characters may fit in the space allotted depending on the characters themselves.

### Page Size

This allows you to specify the number of books to load into the Book Viewer at one time. The current range is from 10 to 1000. You may ask: What page size should I use and what impact does it have? The biggest concern here is a factor of time. Using large page sizes requires more time to load an entire page into the Book Viewer. However, once in the viewer, you can scroll through the books more quickly. The trade off is the ability to scroll through more books quickly versus waiting for the books to load into the viewer. Our recommendation is to keep the Page Size relatively small at around 50 or 100 books.

### Button Action

The "Ok" button is used to accept the selections which have been made. Once pressed, the Book Viewer will be updated and the Viewer Configuration Window will close. Your configuration choices will be saved. The "Cancel" button simply aborts the configuration process. The "Help" button opens the help file.

## Colors (Menu)

This allows you to configure the colors for many elements of the window. You may do this to all windows or to a particular set of windows. This option brings up a submenu consisting of the windows which can have their colors changed. Selecting one of these options takes you to the **Color Selection Window**. The submenu options are as follows:

### All Windows

This will set the colors for all color configurable windows.

### Main Window

This sets the color only for the opening main window which contains the viewer.

### Edit Window

This sets the color for the edit window. The edit window is where you enter information in about a particular book.

### Search Window

This sets the color for the search options window.

### Report Window

This sets the color for the report options window.

### Maintenance Windows

This sets the window for all the maintenance type windows. This includes the Import Window, Export Window and the List Maintenance Window.



## **Color Selection Window**

The Color Selection Window allows you to setup the colors you wish to appear on the selected window. The selected Window is selected when using the **color menu** option. As color options are made, the selections appear on the window. This way you can visualize the impact. You may cancel the color selection process simply by pressing the Cancel button. To use the colors you have selected, press the OK button. The following color options are available:

### **Background**

This is the color that will fill the background of the window.

### **Major Titles**

Many windows have large lettered titles on them. This sets the color for them.

### **Minor Titles**

Many windows have average sized titles on them. This sets the color for them.

### **Edit Background**

This is the color that will fill the background of any edit boxes that may be on the window.

### **Edit Text**

This is the color of the text that will be inside the edit boxes.

### **Radio and Check Boxes**

This is the color that any radio or check boxes will appear in.

### **3D Colors**

Many windows contain 3D looking boxes surrounding different items on the screen. This option lets you choose one of two color schemes to give the 3D affect.

### **Predefined Color Sets**

Several predefined color sets are included with the software. You may simply choose one of these if you find them to your liking. Or you may choose one and then modify one or two items to better suite your tastes.

## **Book Viewer**

The Book Viewer lists the books that you have entered. It lists the elements of each book in a row. A horizontal scroll bar is present to allow you to move back and forth to view the book information. The viewer maintains a page size of 50. Translated, this means that there is a maximum of only 50 books at one time in the viewer. You may scroll through these using the vertical scroll bar. Simply press the PgUp or PgDn button to load in the previous or next page of books. For large databases of books, the page size of 50 prevents extremely long waits that would occur in attempting to load the entire database. The Book Viewer is also the recipient of **searches**.

## **Book Type**

This lets you select one of several types of books or printed material that you may be trying to track. In addition to the common predefined types listed, you may select "other" and enter a description for it.

## **Volume, Issue, Edition**

Some books, magazines and other periodicals contain a volume number, issue number and/or an edition number. These are available for use wherever they may apply.

## Key Words

This is for listing words that describe the content or topic of the book. These should be words that will help you later locate the book. Each key word is separated by a space.

The key words work differently than all other fields in the search process. Simply enter the number of key words that you wish to search on and any books that have all the key words entered will be found. The unique feature of the key words is that you can enter the words in **ANY** order. If you were to try to put the same key words in the description field, then a match would only be found if the exact same order was specified in the description search field.

## Location

This is where you can select where your books are located. There are many different possibilities for locations for different people, but you will generally have the same set of locations. You are given flexibility over what you would like to appear in this list. You may add, remove and modify the locations by selecting the **Add Button**. Your books may be located in different buildings, rooms, walls, shelves, etc.

## **Pages**

This is the number of pages in the book.

## Catalog Number

This is available for use with cataloging your books. Four fields are available for use for setting up a catalog system. These are the category, catalog #, sub1 # and sub2 # fields. This allows for even complex cataloging schemes.



## **Library Status**

If you are in the habit of lending your books out, then the Library Status is for you! Here you can track which books you have lent out, to whom and when.

>> **Untitled Topic** <<

## **Copy (Menu)**

Selecting Copy from the Menu performs the same operation as the **Copy Button**.

## **Options (Menu)**

Selecting Options from the Menu brings up a submenu consisting of Colors, Import and Export.



