



# docs.sun.com Help

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You can use the `docs.sun.com` Web site to read, browse, search, and print Sun documentation. For more information, click on the links below.

- [Chapter 1](#)
- [Chapter 2](#)
- [Chapter 3](#)
- [Chapter 4](#)
- [Chapter 5](#)



# Searching

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## Contents:

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- “Search Bar Options” on page 8
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## Search In

The scoped searching functionality in `docs.sun.com` enables you to specify where you would like `docs.sun.com` to perform a search. As you climb up and down any of the `docs.sun.com` browse trees, you can use the Search In pull-down menu to narrow or expand the scope of your search through a list of subject categories, browse shortcuts, or product categories. As you browse down through categories and subcategories, those categories and subcategories are added to the list of options in the Search In list. You can select any of the categories or subcategories in the Search In list to modify the scope of your search.

To determine the scope of your search, choose one of the following options from the Search In list.

- Select the **All Books** option to search in all the books on the `docs.sun.com` Web site. This option is available for any search.

- Select a **subject or product category or subcategory** to search in the subject or product tree you are browsing at the time of the search, or expand your search by selecting any of the parent categories you browsed to arrive at the current category. This option is available when viewing a subject or product category, a browse shortcut, or book.
- Select the **This Collection** option to search only in the books in the collection that you are viewing at the time of the search. This option is available when viewing a book or collection.
- Select the **This Book** option to search only the book that you are viewing at the time of the search. This option is available only when viewing a book.

## Search Bar Options

`docs.sun.com` provides two options to narrow your search. Before requesting a search, you can choose from the following options below the Search In field on the search bar.

- **Search book titles only** – If you select “Search book titles only,” `docs.sun.com` searches for your criteria in only the titles of the books that it is searching.
- **Ignore old editions** – If you select “Ignore old editions,” `docs.sun.com` searches for your criteria in the latest editions of published books. In most cases, the edition of a book corresponds directly to the version history of the product with which it is associated. For example, the *Solaris Advanced User's Guide* was published for the Solaris™ 2.4, 2.5, and 2.6 operating environments. The latest edition is the book published for the Solaris 2.6 operating environment.

## Search Syntax

Search syntax can contain any of the following:

- **Words** – To find books that contain one or more words, type the words in the Search field. Separate each word by one or more spaces. Search requests for multiple words return books that contains all of the words, anywhere they appear in the book, and in any order.
- **Phrases** – To find books that contain a phrase, type the phrase with quotation marks (“”) in the Search field. Search requests for phrases return books with the words appearing adjacent to each other in the order specified.

You can combine multiple phrases in the same search request. For example, searching for the phrases `''C++ 3.0''` `''C++ 4.0''` returns books that contain both of these phrases.

Phrase searching is not sensitive to punctuation. For example, searching for the phrase `''displays prints or removes''` returns books that contain the text `''displays, prints, or removes''`.



- **AND** – When performing a search, docs.sun.com combines words and phrases using a Boolean AND. For example, a search for `fortran java` returns books that contain both the word `fortran` and the word `java`.
- **OR** – When requesting a search, you can use the Boolean OR. For example, a search for `fortran or java` returns books that contain the word `fortran` or the word `java`, and books that contain both the words `fortran` and `java`.

## Search Results

docs.sun.com displays a list of books that match your search criteria in order of decreasing relevance. The relevance of a book is indicated by icons. Documents marked with the



icon are most relevant to your search. Documents marked with the



icon are least relevant to your search. To the right of the book title is the name of the collection to which the book belongs.

The number of books that match your search criteria is at the top of the results page. Only 50 books are displayed on a page. If more than 50 books match your search criteria, the subsequent books are displayed on the next page(s). The page navigation bar at the top center and bottom center of the results page indicates the total number of pages available. The current page is indicated by



. Display other pages by clicking on the page number.

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**Note** - A large number of matches might indicate that you need to narrow your search.

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# Printing

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## Downloading and Printing a PDF File From docs.sun.com

docs.sun.com provides most books as a PDF file for printing. To print a book, follow these steps.

1. **While viewing the book on docs.sun.com, click the Download PDF tab.**

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**Note** - If you are viewing the contents of an HTML book in a second browser window, return to the primary browser window displaying the HTML book and its Collection to click the Download PDF tab.

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2. **On the Save PDF Files to Disk page, click on the link to the .pdf file for the book that you want to print.**
3. docs.sun.com **downloads the PDF file.**
  - If you have the Adobe Acrobat Reader browser plug-in, the PDF file displays in the browser plug-in window.
  - If you do not have the Adobe Acrobat Reader browser plug-in, docs.sun.com prompts you to save the PDF file. Save the file and open it in the standalone Adobe Acrobat Reader.

You can download the Adobe Acrobat Reader browser plug-in at <http://www.adobe.com/products/acrobat/readstep.html>.

#### 4. Use the print function in the Adobe Acrobat Reader to print the document.

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**Note** - You might find some of the PDF files blurry and difficult to read. The poor resolution of the Adobe Acrobat Reader browser plug-in causes the blurriness. To improve the resolution, use the standalone Adobe Acrobat Reader to view the PDF file.

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## Downloading a PDF File With `ftp`

If you are having difficulty loading a PDF file in your browser, follow these steps to download the file using the `ftp` command.

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**Note** - The following instructions describe how to use the `ftp` command from the command line. If you use a GUI-based `ftp` application, adjust the steps accordingly.

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1. While viewing the book on `docs.sun.com`, click the **Download PDF** tab.
2. On the **Save PDF Files to Disk** page, find the URL of the PDF file you want to download by moving the cursor over the link to the PDF file for the book. For example:

```
ftp://192.18.99.138/802-1958/802-1958.pdf
```

Where:

- `192.18.99.138` is the ip address of the `docs.sun.com` pdf machine
- `802-1958` is the part number for the book
- `802-1958.pdf` is the name of the PDF file for the book

3. Write down the URL of the PDF file you want to download.
4. In a Terminal window, change directories to the directory into which you want to download the PDF file.
5. Run the `ftp` command.

```
% ftp 192.18.99.138
```

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**Note** - If the `ftp` command is not in your command path, you must add it to the path or use the full path name.

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The screen displays the following.

```
220 sun-barr FTP proxy server ready.  
Name (192.18.99.138:<your userid>):
```

**6. Type `anonymous` as your userid.**

```
Name (192.18.99.138:<your userid>): anonymous
```

The screen displays the following.

```
230 Guest login ok, access restrictions apply.  
ftp>
```

**7. Change directories to the `book_part_number` directory.**

```
ftp> cd book_part_number
```

**8. Get the PDF file of the book.**

```
ftp> get part_number.pdf
```

The screen displays the following.

```
200 PORT command successful.  
150 Opening ASCII mode data connection for 802-1958.pdf (39689 bytes).  
226 Transfer complete.  
local: 802-1958.pdf remote: 802-1958.pdf  
40605 bytes received in 0.29 seconds (1.4e+02 Kbytes/s)
```

The PDF file has been downloaded. You can view it in your browser or by using the standalone Adobe Acrobat Reader.

## Browsing

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`docs.sun.com` provides several structures in which you can browse for documentation. These structures are described here.

- Subject Categories – Books are grouped and displayed based on their subject matter.
- Collection Titles – The document collections are listed in alphabetical order by collection title.
- Product Categories – Books are grouped and displayed based on the product that they describe.

For added convenience, on the Home page, `docs.sun.com` provides shortcuts to frequently requested browse options.

While browsing, you can use the Search In list to narrow or expand the scope of your search through subject categories, collection titles, or product categories. As you browse through categories and subcategories, those categories are added to the list of options in the Search In list. You can select any of the categories or subcategories in the Search In list to modify the scope of your search. For more information on searching, see Chapter 1.

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**Note** - When accessing some books, `docs.sun.com` requests a password. Books for products that are at the beta test stage require passwords to read. When the product is released in its final version, the password protection will be removed.

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The locations of books and book collections in `docs.sun.com` are stable. Creating a personal link or bookmark to a book or collection enables you to access it again

without repeating a browse or search request. This feature also allows you to include links to Sun product documentation in your own documents.



## What Is a Collection?

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A collection is a group of books that are published at the same time. The books are grouped into collections for one of the following reasons.

- The books relate to a single product or product suite.
- The books contain the same subject matter.
- The books are intended for a specific audience.

An individual book can appear in more than one collection.

A product can have more than one collection associated with it, for any of the following reasons.

- The product has numerous books. The books are grouped into different collections to facilitate browsing.
- Books authored in different formats cannot reside in the same collection. As a result, a product might have an HTML collection associated with it as well as the more common AnswerBook2™ collection.



## Icon Legend

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docs.sun.com contains three types of symbols to help you navigate the Web site.

- **Icons** represent a type book, collection, or file.
- **Controls** allow you to expand or collapse information.
- **Indicators** point to where you are in the hierarchy of a book or collection.

The following table lists the symbols and their descriptions.

TABLE 5-1 Symbol Legend


















Symbol	Type	Description
	Icon	Represents a book published in AnswerBook2 format.
	Icon	Represents a document authored in HTML.
	Icon	Represents the Table of Contents of a book published in AnswerBook2 format.
	Icon	Represents a collection of books published in AnswerBook2 format.

TABLE 5-1 Symbol Legend (continued)

Symbol	Type	Description
	Icon	Represents a collection of documents authored in HTML.
	Icon	Represents a PDF file that can be downloaded for printing.
	Control	Clicking this symbol expands the associated item to reveal content.
	Control	Clicking this symbol collapses the associated item to conceal content.
	Control	Clicking this symbol expands the content of all list items.
	Control	Clicking this symbol collapses the content of all list items.
	Control	Clicking this symbol expands an AnswerBook collection to reveal content.
	Control	Clicking this symbol collapses an AnswerBook collection to conceal content.
	Control	Clicking this symbol expands an HTML collection to reveal content.
	Control	Clicking this symbol collapses an HTML collection to conceal content.
	Indicator	This arrow points to the item of interest in a list.
	Indicator	This arrow points to the current page in a multi-page search return.
	Indicator	In a list of search results, these symbols indicate the relevance of items to your search criteria. The solid red dot indicates the most relevant documents.

## Search Tips

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### Contents

- “Narrowing Your Search” on page 21
- “Search Syntax” on page 22
- “Search Problems” on page 23

## Narrowing Your Search

Choose one of the following selections in Search In:

- **All Books** – Searches in all the books on the `docs.sun.com` Web site.
- **Subject or product category or subcategory** – Searches in all the books in that category and subcategories that you are viewing at the time of the search.
- **This Collection** – Searches only in the books in the collection that you are viewing at the time of the search.
- **This Book** – Searches only the book you are viewing at the time of the search.

Choose from the following Options:

- **Search book titles only** – Searches in only the titles of the books that are being searched.
- **Ignore old editions** – Searches in the latest editions of published books. In most cases, the edition of a book corresponds directly to the version history of the product with which it is associated. For example, the *Solaris Advanced User's*

*Guide* was published for the Solaris™ 2.4, 2.5, and 2.6 operating environments. The latest edition is the book published for the Solaris 2.6 operating environment.

## Search Syntax

The following table describes the syntax of several different searches for the words “Solaris JumpStart™.”

**TABLE 6-1** Search Syntax Examples

<b>Example</b>	<b>Description</b>
<code>solaris</code>	Finds documents that contain lowercase and capitalized instances of this word.
<code>JumpStart</code>	Finds documents that contain words matching the spelling and capitalization of this word.
<code>Solaris JumpStart</code> same as <code>Solaris AND JumpStart</code>	Finds documents that contain these words anywhere in the document and in any order.
<code>``Solaris JumpStart``</code>	Find documents that contain these words anywhere in the document in this order. The phrase can contain punctuation in the document, but you do not need to add the punctuation to the search text.
<code>Solaris OR JumpStart</code>	Finds documents that contain the word “Solaris” or the word “JumpStart” and documents that contain both the words “Solaris” and “JumpStart”.
<code>``Solaris JumpStart`` ``Solaris Installation``</code>	Finds documents that contain both the phrases “Solaris JumpStart” and “Solaris Installation.”

## Search Problems

When you use the Boolean AND to join words or phrases in a search on docs.sun.com, then click on a book listed in the Search Results, docs.sun.com mistakenly indicates that no matches were found in that book.

If you encounter this problem, search the book for the most important word in your search phrase. Or, search the book by typing your search words in the Search In field, separating each word with the word OR.