

IBM Online Library



Installing, Managing, and Using the Online Library

IBM Online Library



Installing, Managing, and Using the Online Library

Note!

Before using this information and the products it supports, be sure to read the general information under Appendix C, "Notices" on page 77.

Twentieth Edition (September 2001)

This edition applies to IBM softcopy collections produced on or after September 2001 containing online books built for viewing with the BookManager READ products or IBM Softcopy Reader.

This book is available in online format on many of the softcopy collections distributed by the IBM Corporation and from the IBM Publications Center on the World Wide Web (<http://www.elink.ibm.com/public/applications/pbl/cgibin/pbl.cgi>). The filename of the BookManager BOOK file is AB0IN019. You can view it with the BookManager READ products and the IBM Softcopy Reader. It is also available as INSTALL.TXT (for file viewers), INSTALL.PDF (printable file), INSTALL.BOO (for BookManager readers), and INSTALL.HTM (for Web browsers) in the root directory of many of the IBM softcopy collections.

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What's New

This section summarizes the changes made to this book. In addition to these changes, various technical and editorial corrections have been made.

- In the June 2001 edition, all references to MVS as an operating system, server, or host have been removed. As of March 30, 2001, the last releases of MVS as an operating system went out of service worldwide.

Streamlined Packaging, Improved Access to Softcopy

Starting in September 2000, many IBM softcopy collections include a new program to simplify installation of softcopy tools and improve access to the softcopy collection index files included on the collections. Here are the highlights of these redesigned collections:

- Instead of hardcopy collection indexes (booklets), softcopy versions are provided in the root directory of each disc. The softcopy collection index is automatically displayed when you insert a disc containing softcopy publications.
- Instead of a hardcopy version of this manual (*Installing, Managing, and Using the Online Library*), softcopy versions are provided in the root directory of each disc.
- All the softcopy tools are on a separate tools disc, instead of on each disc. For a single-disc library or collection, the tools are on the same disc as the softcopy publications.
- A new program helps you install or update softcopy tools.

The new program for installing softcopy tools runs only on Windows 95 (or later), or on Windows NT 4.0 (or later).

Users of other operating systems can still manually install or update the tools on the tools disc and directly view the softcopy versions of the collection index and this installation book.

For details, see Chapter 4, "Program for Installing Softcopy Tools" on page 21.

IBM Readers

March 2001

- Starting in March, 2001, the IBM Library Readers for Windows, OS/2, and DOS are not being shipped on IBM softcopy collections and are no longer supported. Instead, only the IBM Softcopy Reader is included on the collections.

The IBM Library Readers will continue to be available on an as-is basis from the IBM BookManager Web site for those users who choose to continue using them.

For more information about BookManager products, including the latest news, go to this address:

<http://booksrv2.raleigh.ibm.com/>

December 2000

The IBM Library Readers for Windows, OS/2, and DOS are being shipped for the last time on the December 2000 IBM softcopy collections. You should start using IBM Softcopy Reader instead.

Starting in March 2001:

- The IBM softcopy collections will not include the IBM Library Readers. Instead, only the IBM Softcopy Reader will be included.
- The IBM Library Readers will no longer be supported.
- The IBM Library Readers will continue to be available on an as-is basis from the BookManager Web site for those users who choose to continue using them:

<http://booksrv2.raleigh.ibm.com/>

September 2000

Starting in September 2000, the installation process for IBM Softcopy Reader allows you to choose Softcopy Reader as the default program for viewing BookManager files. If you accept this default, the installation process automatically defines the necessary preferences in all the browsers installed on your computer. Using these preferences, when a browser encounters a link to a BookManager file, it invokes Softcopy Reader to open that file.

June 2000

The IBM Softcopy Reader is now available, replacing the beta test code.

- Starting in June, 2000, the self-extracting zip file containing the Softcopy Reader is available on IBM softcopy collections.
- The latest level of the Softcopy Reader is provided for downloading as a self-extracting zip file from:

<http://booksrv2.raleigh.ibm.com/homepage/new.html>

The zip file includes instructions for installing the Softcopy Reader and information about where to get help.

The following IBM BookManager READ products are no longer supported:

- READ/2
- READ for Windows
- READ/DOS
- READ/6000

Also, the IBM Library Reader for Windows has been repackaged and no longer runs or can be installed on Windows 3.1 or WIN-OS/2. The new, repackaged ILR for Windows supports only 32-bit Windows operating systems:

- Microsoft Windows 3.51
- Microsoft Windows 95 or later
- Microsoft Windows NT

March 2000

A beta test of the IBM Softcopy Reader and Bookshelf Organizer for Java** is now available.

- The latest level of the code is provided for downloading as a self-extracting zip file from:

<http://booksrv2.raleigh.ibm.com/homepage/new.html>

- Starting in March, 2000, the zip file containing the beta test code is also available on various IBM softcopy collections.

The zip file includes instructions for installing the beta code and information about where to get help.

March 1999

The IBM Library Readers are now full-function and are able to read any book in BookManager format. They are no longer restricted to books shipped on IBM softcopy collections.

SoftCopy Librarian and Softcopy Receiver Tool

September 2001

The Softcopy Receiver Tool (SCRT) is no longer supported. It is being shipped for the last time on the September and October 2001 softcopy collections. You should start using the SoftCopy Librarian (SCL) instead.

SCL for OS/2 is no longer supported and is provided on an as-is basis.

June 2001

The Java version of the SoftCopy Librarian, IBM SoftCopy Librarian V4.0 for Windows 95 and NT, is now available on IBM softcopy collections and can also be downloaded from this IBM Web site:

<http://publib.boulder.ibm.com/epubs/df/ebrsclwj.exe>

For details, see Chapter 6, "Introducing the SoftCopy Librarian" on page 39.

March 2001

Beta code for the Java version of the Softcopy Librarian (SCL Version 4) is available for downloading from:

<ftp://ftp.software.ibm.com/ps/products/ibmreader/tools/beta/>

It is also available on IBM softcopy collections produced in March 2001, on the same disc as other softcopy tools, in directory \scl\beta. This directory includes the install package for the beta code as well as a README file.

September 2000

Starting with IBM softcopy collections produced in September 2000, SoftCopy Librarian is in the SCL directory, not in the SCRT directory.

June 2000

You can now use the SoftCopy Librarian to obtain and manage bookshelves over the Internet, from the IBM PUBLIB Web site as well as from other Web sites that provide support for the SoftCopy Librarian. For details, see Chapter 6, "Introducing the SoftCopy Librarian" on page 39.

The beta testing for the OS/2 version of the SoftCopy Librarian is complete. The product code is available for downloading from:

<ftp://ftp.software.ibm.com/ps/products/ibmreader/tools/ebrscl2.exe>

December 1999

A prototype of the OS/2 version of the Softcopy Librarian is available for downloading from:

<ftp://ftp.software.ibm.com/ps/products/ibmreader/tools/beta/>

March 1999

The SoftCopy Librarian (SCL) now supports repositories on LANs and workstations as well as on the host. See Chapter 6, "Introducing the SoftCopy Librarian" on page 39 for information to help you (1) plan for and set up a repository of BookManager bookshelves and books and (2) install and prepare the SoftCopy Librarian to help you upload and manage the bookshelves and books in a repository.

Tools No Longer Supported on IBM Softcopy Collections

As of December 1, 1999, IBM has discontinued support for a number of tools that used to be included on IBM softcopy collections. These include:

- Online Message Facility (OMF) and associated message parsing template (MPT) files
- Optical Media Attach (OMA)
- SCRT/VM and SCRT/MVS
- Upload utility

Information about these tools has been deleted from this book. The tools continue to be available on an "as-is" basis from this FTP server:

<ftp://ftp.software.ibm.com/ps/products/ibmreader/tools/>

Part 1. Introduction

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Chapter 1. What Is the IBM Online Library?

The “IBM Online Library” contains IBM publications and product books in softcopy format, organized into collections and packaged on CD-ROMs or DVDs. Originally, the softcopy collections contained only books available in BookManager format. Increasingly, collections also contain books available in other formats, such as HTML and Portable Data Format (PDF).

All the BookManager books in these softcopy collections can be viewed and searched electronically, without changing them, on workstations and portable laptop PCs (running Windows), host systems (running z/OS, OS/390, z/VM, VM, or CICS), and the AS/400 System. The same book can be viewed at your workstation or terminal using any of the following methods:

- The IBM Softcopy Reader, which is provided at no charge with the library on the softcopy collections
- The IBM BookManager READ component of z/OS or OS/390
- The IBM BookManager READ licensed program for VM
- The IBM BookManager BookServer component of z/OS or OS/390
- The IBM BookManager BookServer for World Wide Web licensed programs for Linux, AIX, Windows, or OS/2
- AS/400 InfoSeeker, which is provided as a part of the Operating System/400 in Version 3 and through, but not beyond, Version 4 Release 3

Think of the IBM Online Library as you would think of the public library in your community. A public library houses large numbers of books organized into a variety of collections by subject. Each collection occupies one or more bookshelves. The bookshelves contain the books. The public library has a librarian and tools to help you discover what is available, and find what you want. The IBM Online Library, like your community library, also contains large numbers of publications and product books organized into collections. But, the IBM Online Library is not a big building or a large room; it's little packages of CD-ROMs and DVDs. It's not on long rows of shelves and stacks of books; it's online. It's not up the street or down the hall; it's right under your fingertips.

What's in the IBM Online Library?

The Online Library started with three editions: the Omnibus Edition, the Framework Edition, and the Productivity Edition. Over time, it has grown to include a variety of softcopy collections, especially collections for individual products.

The Editions of the IBM Online Library

Each edition contains a series of collections that are organized to meet specific information needs.

Omnibus Edition—Product Libraries by Platform

The collections in the Omnibus Edition contain all the product libraries related to specific IBM operating platforms. They are useful to anyone who must administer

or maintain an entire system or maintain a large online library for others to use. These collections are currently in the Omnibus Edition:

- AS/400 V2R3.0, SK2T-8250
- AS/400 V3, SK2T-2171
- AS/400 V3R6.0, SK2T-2839
- AS/400 V3R7, SK2T-8290
- AS/400 V4, SK3T-2027
- Hardware, SK2T-5843 (discontinued)
- MVS, SK2T-0710 (discontinued; see z/OS or OS/390)
- OS/390, SK2T-6700
- VM, SK2T-2067
- VSE, SK2T-0060

For example, the OS/390 Collection contains all the available libraries for OS/390 elements and features, plus software products that run on OS/390, regardless of the type of product.

Framework Edition—Product Libraries by Function

The collections in the Framework Edition contain product libraries that are functionally related regardless of their operating system. They are useful to anyone who must specialize in a particular computing activity such as administering a network, developing applications, or maintaining a data base. These collections are currently in the Framework Edition:

- Decision Support Systems, SK2T-0138
- ImagePlus, SK2T-2131
- Networking, SK2T-6012 (discontinued)
- Printing and Publishing, SK2T-2921
- Retail Store Solutions, SK2T-0331
- Transaction Processing and Data, SK2T-0730

For example, the Transaction Processing and Data Collection contains libraries for CICS, IMS, DB2, and other IBM transaction processing and database products.

Productivity Edition—Books by Subject or Task

The collections in the Productivity Edition contain individual books from a variety of product libraries and other sets of books that are related to specific subjects or tasks. They are useful to anyone who has a specific task to perform such as integrating products, handling messages at a system console or at a help desk, or learning about system architecture. These collections are currently in the Productivity Edition:

- Application Development Redbooks, SK2T-8037
- AS/400 Redbooks, SK2T-2849
- Best of APPC, APPN, CPI-C, SK2T-2013
- Messages and Codes, SK2T-2068
- Networking and Systems Management Redbooks, SK2T-6022
- OS/390 SecureWay Security Server RACF Information Package, SK2T-2180
- RISC/6000 Redbooks (PostScript), SK2T-8041
- IBM e(logo)server zSeries Redbooks, SK3T-7876
- Transaction Processing and Data Management Redbooks, SK2T-8038

For example, the Messages and Codes Collection contains any book from any z/OS, OS/390, VM, or VSE product library that includes messages and codes, regardless of the type of product.

In addition to books, some of the collections also contain online presentations, interactive demonstrations, and actual products.

Individual IBM Softcopy Collections

Some products provide their own individual softcopy collections. For example, there are several softcopy collections for z/OS and related software products:

- z/OS Collection, SK3T-4269
- z/OS Software Products Collection, SK3T-4270
- z/OS and Software Products DVD Collection, SK3T-4271
- z/OS SecureWay Security Server RACF Collection, SK3T-4272

The Relationship between the Collections

Some product libraries may appear in more than one collection. The GDDM library is in the OS/390, VSE, and VM platform collections because it is a product that runs on OS/390, VSE, and VM. It is also in the Transaction Processing and Data Collection because it is used by IBM transaction processing and database products.

Some books may appear in more than one collection. The GDDM Messages manual is in the OS/390, VSE, and VM Collections because it is part of the VTAM product library. It is also in the Messages and Codes Collection because it contains messages.

Regular Updates to the Collections

Most IBM softcopy collections are revised regularly. Each update may include new products, new versions of existing products, updates to the existing libraries, enhancements to the Softcopy Reader program used for viewing the online libraries, and enhancements to the SoftCopy Librarian program used for managing updates to online libraries.

Some collections are completely updated each quarter. Some collections, where it is appropriate, are revised less frequently or are revised to coincide with the release of specific products. As new product books are released by IBM or when books are updated, they are included in the next regular update of the appropriate collections. You may still receive individual sets of product books in hardcopy, on CD-ROMs, or on DVDs with some of the new products you order. These sets of books are delivered in these interim forms so they can accompany a product when it is released for general availability (GA). These interim product libraries will be included in the next regular update of the IBM softcopy collections to which they apply. Even though product libraries and individual books appear in more than one collection, all the collections that are issued at the same time contain libraries and books that are at the same level.

Directories and Files on an IBM Softcopy Collection

The following table shows the directories and files common to IBM softcopy collections. Some collections have additional directories and files for features unique to that particular collection. Softcopy collections that include multiple discs might have the following files on only one disc in the collection.

Information Files

SCINDEX.xxx	Various formats of softcopy collection index
INSTALL.xxx	Various formats of <i>Installing, Managing, and Using the Online Library</i>
BOOKENG.AGR	Terms for using softcopy collections
PLALRENG.AGR	License agreement for IBM Softcopy Reader

Readers (directories)

ILRJAVA	Program for installing IBM Softcopy Reader
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Softcopy Libraries (directories)

BOOKS	The books and bookshelf search indexes on the disc
SHELVES	The bookshelves on the disc
PDF	The PDF files on the disc

Uploading and File Management Programs (directories)

SCL	SoftCopy Librarian for managing repositories of BookManager books, and downloading BookManager files from the Internet
SCRT	Softcopy Receiver Tool for uploading libraries to host systems or transferring libraries to a workstation

Utilities

SCTOOLS.EXE	Program for installing and updating softcopy tools, and installing shortcuts to softcopy collection index; related files in AUTOHTML directory
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Optional Directories and Files (may not be in your softcopy collection)

Security management and performance tools
Multimedia product demos and overviews
Other file formats for books

Using IBM Softcopy Collections in Your Business

You can set up an IBM softcopy collection on your Windows workstation for yourself or you can share it with your co-workers. You can distribute the collection throughout your organization to individual workstations or to a few conveniently located, walk-up-and-use “information kiosks.” You can centralize it on your z/OS, OS/390, z/VM, or VM host or on a LAN server and share it within your entire enterprise. IBM softcopy collections have been designed so that you can distribute them as widely as you need inside your enterprise.

With IBM softcopy collections, you can receive your documentation electronically, and use the SoftCopy Librarian to set up an electronic document repository to manage, update, and distribute online books throughout your business. In addition, you can use the IBM BookManager technology to build and view your own documentation, thus creating a consistent, seamless information environment for your customers.

Direct Access at the Workstation

If you have a CD-ROM or DVD drive directly attached to your Windows workstation, you can install the IBM Softcopy Reader for viewing the books and either:

- Use the CD-ROM or DVD as the storage device, and insert it whenever you need to view the books.
- Download libraries or individual books from the CD-ROM or DVD to your workstation hard drive. This may improve your access time.
- Do both: move the most frequently used libraries or individual books to your hard drive and use the remainder on the CD-ROM or DVD.

Network Access to a LAN Server

If you have a network of workstations attached to a Windows LAN server, you can:

- Use the CD-ROM or DVD as the storage device to hold all of the libraries and let your customers select the online books to open and view when they want them. Multi-disc CD-ROM drives are available so you can make a number of CD-ROMs available to your network customers.
- Download libraries or individual books from the CD-ROM or DVD to your server hard drive. This may improve your access time.
- Download libraries or individual books and reader programs from the CD-ROM or DVD to user workstations on the network.
- Do a combination: move the most frequently used libraries or individual books to your server hard drive or user workstations and use the remainder on the CD-ROM or DVD.

Host-System Access for Sharing and Centralizing Softcopy Collections

You can use a workstation to copy libraries from the CD-ROM or DVD to your host system to share and centralize online libraries for a group of users. For example, you can:

- Upload the books from a workstation to a z/OS or OS/390 host and view them from an attached terminal or workstation with the IBM BookManager READ component of z/OS or OS/390.

- Upload the books from a workstation to a z/VM or VM host and view them from an attached terminal or workstation with the IBM BookManager READ/VM licensed program. This licensed program is not provided on IBM softcopy collections.
- Upload the books and the reader installation package to a z/OS, OS/390, z/VM, or VM host, download them, and install them on a workstation that doesn't have a CD-ROM or DVD drive.

Internet or Intranet Access to BookManager Files via BookServer

If you have a z/OS, OS/390, OS/2, Windows, AIX, or Linux-based server, you can upload the books and bookshelves to the server and use BookManager BookServer to serve the BookManager files to Web browsers for viewing over the Internet or an intranet. BookManager BookServer converts the BookManager files to HTML dynamically, as you read them.

BookServer now also provides limited support for PDF files when a companion BookManager Book file is present. When such a PDF is selected, BookManager BookServer launches the Adobe® Acrobat® Reader™ for that PDF file.

Internet or Intranet Access to PDF Files

If you have a z/OS, OS/390, OS/2, Windows, or AIX server, you can upload PDF files from an IBM softcopy collection to the server and use a Web server to serve the PDF files to Web browsers for viewing over the Internet or an intranet. You can use FTP to send the PDFs to the server as binary, VB 4096 data sets. On a z/OS or OS/390 server, users can print the PDFs via InfoPrint Server. On an OS/2, Windows, or AIX server, users can view and print the PDFs with an Adobe Acrobat Reader.

AS/400 System Access

You can use your workstation to copy libraries from the CD-ROM or DVD to your AS/400 system, and then:

- Create shared folders of books from IBM softcopy collections on an AS/400, and view them using OS/400 InfoSeeker
- View the books directly from the CD-ROM or DVD using OS/400 InfoSeeker

Note: OS/400 support of InfoSeeker exists through, but not beyond, Version 4 Release 3 of the base operating system.

What Should You Do Next?

For more information about the BookManager family of products, call 1+800+IBM-CARY (1+800+426-2279) or FAX 1+919+469-7423. You can also learn more about BookManager by accessing the World Wide Web at:

<http://booksrv2.raleigh.ibm.com>

If you are ready to start building your online libraries using IBM softcopy collections, see “How You Can Order IBM Softcopy Collections” on page 10.

How IBM Softcopy Collections Are Made Available

IBM softcopy collections are made available, like hardcopy books, in a variety of ways: as a feature of a product or by direct purchase of single copies or subscriptions.

In the United States

Collections are made available in the following ways:

- **Nonbillable (Entitled Basic) Product Feature Codes**

If you are a license holder for certain IBM products, such as OS/390, you can receive some collections as basic, nonbillable *features* of those products. Basic, nonbillable features are entitled and are shipped automatically. You do not need to specify any feature codes when you order the product in order to receive them. For example, the OS/390 Collection, the OS/390 Licensed Product Collection, and the OS/390 PDF Collection are shipped automatically with OS/390.

- **Nonbillable (Entitled Optional) Product Feature Codes**

If you are a license holder for an IBM product that runs on AS/400, OS/390, VM, and VSE, you can receive some collections as optional, nonbillable *features* of those products or prerequisite products. Optional, nonbillable features are entitled, but they are not shipped unless you specify the appropriate feature code when you order the product.

If you did not specify the optional, nonbillable feature code when you ordered the product, you can still get these entitled collections by ordering them later. Call IBM at 1+800+879-2755. There is no charge for these optional, nonbillable features. If you do not have a license for any of the products that entitle a collection, you are not entitled to an optional, no-fee collection.

You may already be ordering some entitled printed books this way.

- **Billable (Non-entitled) Product Feature Codes**

Some collections are available as optional, billable features of products. Optional, billable features are not entitled, and they are not shipped unless you specify the appropriate feature code when you order the product. If you did not specify the optional billable feature code when you ordered the product, you can order them later. You are billed when the collection is shipped initially. If you do not have a license for any of the products that feature the collection you want, you cannot order that collection as an optional, billable feature.

Special discounts may be available. Currently, discount subscriptions are available for the following collections:

- IBM e(logo)server zSeries Redbooks Collection, through a feature code on z/OS
- The OS/390 SecureWay Security Server RACF Information Package, through feature codes on OS/390 and RACF
- The z/OS SecureWay Security Server RACF Collection, through a feature code on z/OS
- The z/OS Software Products Collection, through a feature code on z/OS

You may already be ordering some printed books this way, and you may be ordering some extra copies of entitled printed books this way.

- **Single-Copy Purchase**

You can also purchase single copies of a collection with no updates. You can order single copies in the same way that you order any printed book from IBM. You only need to know the order number of the collection you want. You are billed for each collection you order. For more information, see “How You Can Order IBM Softcopy Collections.”

- **Subscription through the Publication Notification System (PNS)**

IBM's System Library Subscription Service (SLSS) has been replaced by an up-to-date notification application, the Publication Notification System (PNS). All active SLSS subscriptions were migrated to the new PNS application, which is accessed from the Internet.

Publication number GG00-0001-01, which was sent to all active SLSS subscribers, contains instructions on how to initialize migrated subscriptions and how new subscribers can set up PNS profiles. PNS users are sent electronic notifications of updated publications in their profiles and they have the option of ordering the updates using the publications direct ordering application or any other IBM publication ordering channel. Unlike SLSS, **no automatic shipments of publications are sent with PNS**. Updated publications are only sent and billed if you respond to the electronic notification.

To access the PNS application on the World Wide Web, enter the following URL on your Web browser command line:

<http://www.ibm.com/shop/publications/pns/>

In Other Countries

Contact your IBM representative.

How You Can Order IBM Softcopy Collections

You can order IBM softcopy collections using the IBM ordering systems normally used to order hardcopy publications or software feature codes. Specify the appropriate order number or the software feature code, where applicable. Ordering options include the Internet, IBMLink, toll-free numbers, and your IBM representative.

In the United States and Other Countries

To order collections for a specific country, do one of the following:

- Go to the IBM Publication Center on the World Wide Web at:

<http://www.ibm.com/shop/publications/order>

and select a country, then select Search for publications, and type the publications number. Initially, the IBM Publication Center will support credit card orders only. (Alternatives will still be available for customer number orders.) Orders will be transmitted directly to the warehouse and once shipped, the credit card will be electronically authorized and charged. You can also read and download online publications in various formats at this Web site.

- Access PUBORDER on the IBMLink application, either directly or through the Web (if you are an OrderLink user).
- Contact an IBM representative or call the local IBM office and ask for the literature department.

In the United States Only

In addition to the ordering options listed above, use any of the following methods:

- Call the IBM toll-free number 1+800+879-2755 and select the Publications option (press 1). If you are using a rotary phone, wait for assistance.
- Send an order form to IBM as follows:
 - By FAX at 1+800+445+9269
 - By direct mail to:

IBM Corporation
P.O. Box 29570
Raleigh, NC 27626-0570

To order a collection as a feature of a product, contact your IBM representative or call IBM Direct at 1+800+426-2255 and mention priority code LE001.

For More Information

You can obtain more information about the collections that are available, product feature codes, and ordering collections.

- If you have specific questions about IBM softcopy collections or need more information about the collections, contact IBM by any of the following methods:
 - FAX: International Access Code+1+845+432+9405
 - Internet: mhvrcfs@us.ibm.com
 - World Wide Web:
<http://www.ibm.com/servers/eserver/zseries/softcopy/feedback.htm>
 - Your IBM representative
- To read announcements of updated collections, access <http://www.ibm.link.ibm.com> on the World Wide Web and select the following paths:
 - United States IBMLink
 - InfoLinkCenter
 - NEWSOFTCOPY
- For news about updated collections, visit <http://www.ibm.com/servers/eserver/zseries/softcopy/whatsnew.htm>
- To view the contents (catalogs) of the collections, visit <http://www.ibm.com/servers/eserver/zseries/softcopy/whatsnew.htm> and select the specific collection name for the desired edition, then select Collection Index in the desired format.

Chapter 2. Introducing the IBM Reader Programs

The following table lists the readers available, by operating system, for viewing online books in BookManager format. This includes online books on IBM softcopy collections, and also online books that you can build yourself using BookManager BUILD programs or that you receive from companies other than IBM that do not provide IBM reader programs.

IBM Softcopy Reader, listed in the second column, is included at no charge on IBM softcopy collections.

The BookManager READ products, listed in the third column of the table, are available from IBM for a fee. The program number for ordering them is listed in the table.

For more information about BookManager products, including the latest news, see this Web site:

<http://booksrv2.raleigh.ibm.com/>

Notes about the IBM Library Readers:

1. Starting in March, 2001, the IBM Library Readers for Windows, OS/2, and DOS are not being shipped on IBM softcopy collections and are no longer supported. Instead, only the IBM Softcopy Reader is included on the collections.

The IBM Library Readers will continue to be available on an as-is basis from the BookManager Web site for those users who choose to continue using them.

2. If your current IBM Library Reader is from before March 1999, make sure to install IBM Softcopy Reader. The IBM Library Readers from before March 1999 could view only the stamped books on IBM Online Library CD-ROMs. Because the books on IBM softcopy collections are no longer stamped, pre-1999 IBM Library Readers cannot open those books.

Operating System	Free reader programs (included on this softcopy collection)	IBM BookManager Readers (available from IBM)	Program Number for IBM BookManager Readers
Windows	Softcopy Reader		
Windows			See Note 4
OS/2			See Note 4
DOS			See Note 4
AIX			See Note 4
z/OS		BookManager READ	See Note 1
OS/390		BookManager READ	See Note 1
z/VM		READ/VM 1.3	5684-062
VM		READ/VM 1.3	5684-062
CICS		READ/GT	See Note 2
OS/400		InfoSeeker	See Note 3

Note:

1. BookManager READ is shipped as a component of z/OS and OS/390.
2. The READ/GT reader is available from GT Software.
3. InfoSeeker is shipped as part of AS/400. OS/400 supports InfoSeeker through, but not beyond, Version 4 Release 3 of the base operating system.
4. The following IBM BookManager products are no longer supported: READ/2, READ for Windows, READ/DOS, READ/6000, IBM Library Reader for Windows, IBM Library Reader/2, IBM Library Reader/DOS.

Downloading IBM Readers from the Internet

You can see if you are using the latest level of IBM Softcopy Reader by going to the Service Page on the following Web site and comparing the level of your reader with those listed:

<http://booksrv2.raleigh.ibm.com/homepage/service.html>

If you do not have the latest level, you can download it from the Internet.

The latest version of IBM Softcopy Reader is also available electronically by following these instructions.

- 1** FTP to `ps.software.ibm.com`.
- 2** Log on as anonymous with your e-mail address as the password.
- 3** Go to: `/ps/products/bookmanager/tools`.
- 4** Refer to the README.TXT file in that directory.

Planning to Install IBM Softcopy Reader

You must install IBM Softcopy Reader (provided on IBM softcopy collections) in order to view and search the online books and set up an online book library on your workstation. The IBM softcopy collections contain installation programs to help you do this.

- To use the installation program for softcopy tools (which identifies whether you have the latest level of IBM Softcopy Reader and helps you install the required JRE), see Chapter 4, “Program for Installing Softcopy Tools” on page 21.
- To use the installation program for IBM Softcopy Reader directly, see Chapter 5, “Installing IBM Softcopy Reader” on page 29.

Code Page Requirement

Make sure you are using code page 850 (the multilingual code page) with the IBM softcopy collections. If you are not using code page 850, BookManager may not run correctly.

Considerations for InfoSeeker

If you already have InfoSeeker installed, you do not need to install an IBM Library Reader program, but you should:

- 1** Run the Library Reader/DOS installation program to update your configuration files to point the BookManager READ program to the devices containing books and bookshelves.
- 2** Update the BookManager environment variable in your CONFIG.SYS file to specify the path to the book and bookshelves by adding the pointers to the BOOKMGR statement in the CONFIG.SYS file. For example, if you want to point to the F drive, enter: **f:\books;f:\shelves** in the BOOKMGR statement.

Transferring Files to CICS Using READ/GT

If READ/GT (available from GT Software) is installed in your CICS host environment, you can transfer BookManager files from your CD-ROM to your mainframe CICS system and use them with READ/GT.

If you have access to GT Software's ASSIST/GT online referencing product, you can reference BookManager files from help windows displayed at the top of CICS application screens.

Chapter 3. PDF Files on IBM Softcopy Collections

Some IBM softcopy collections include printable files in Portable Document Format (PDF) in addition to or instead of books in BookManager form.

You can use an Adobe® Acrobat® Reader™ to view and print the PDF files. Starting in September 2000, some IBM softcopy collections include a program to simplify installation of softcopy tools and improve access to the softcopy collection index. An Adobe Acrobat Reader is one of the tools you can install from these collections. If this reader is not appropriate for your operating system or if you need information on installing and using an Acrobat Reader, see the Adobe Web site at:

<http://www.adobe.com>

For tips on printing PDF files, see “Printing a PDF File” on page 61.

Part 2. Installing Softcopy Tools

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Chapter 5. Installing IBM Softcopy Reader	29

Chapter 4. Program for Installing Softcopy Tools

Starting in September 2000, many IBM softcopy collections include a program to simplify installation of softcopy tools and improve access to the softcopy collection index files included on the collections. Here are the highlights of these redesigned collections:

- Instead of hardcopy collection indexes (booklets), softcopy versions are provided in the root directory of each disc. The softcopy collection index is automatically displayed when you insert a disc containing softcopy publications.
- Instead of a hardcopy version of this manual (*Installing, Managing, and Using the Online Library*), softcopy versions are provided in the root directory of each disc.
- For a multi-disc library or collection, all the softcopy tools are on a separate tools disc, instead of on each disc.

For a single-disc library or collection, the tools are on the same disc as the softcopy publications.

- An additional program (SCTOOLS.EXE) helps you install or update softcopy tools.

This chapter introduces the program for installing softcopy tools.

Who can use this install program?

The program for installing softcopy tools runs only on Windows 95 (or later), or on Windows NT 4.0 (or later).

Users of other operating systems can still manually install or update the tools on the collection, and view the softcopy versions of the collection index and this installation book directly.

Overview

The program for installing softcopy tools (SCTOOLS.EXE) helps you:

- Learn about the IBM softcopy tools included on the softcopy collection: IBM Softcopy Reader and IBM SoftCopy Librarian (SCL).
- Install or update these softcopy tools as well as a Netscape browser and an Adobe Acrobat Reader.

The install program checks the level of the tools (if any) installed on your computer and gives you the option of installing any tools you do not have and updating any backlevel tools.

System Requirements

Software Requirements

- Supported platforms: Windows 95 (or later), Windows NT 4.0 (or later)
- Software for viewing documents displayed by the install program:
 - **BookManager files:** IBM Softcopy Reader
The program for installing softcopy tools checks whether you have the IBM Softcopy Reader installed. If not, you can choose whether to install the latest level of this reader from the tools disc.
 - **HTML files:** A Web browser with Java Script 1.0 enabled, such as Microsoft Windows Internet Explorer 3.0 or later, Netscape 3.0 or later, or an AOL browser
Note: By default, certain options of the install program display information in HTML format. So, to view this information from the install program, you should have a browser installed.
The install program checks whether you have a browser installed. If not, you can choose whether to install a recent Netscape browser from the tools disc.
 - **PDF files:** Adobe Acrobat Reader (at least 3.0)
The install program checks whether you have an Adobe Acrobat Reader installed. If not, you can choose whether to install an Adobe Acrobat Reader from the tools disc.
 - **Text files:** Any workstation file viewer or browser
- Software required for softcopy tools on the tools disc
 - IBM Softcopy Reader: See “Software and Hardware Requirements” on page 29.
 - IBM SoftCopy Librarian: See “Hardware and Software Requirements” on page 42.
 - Netscape browser: See “Netscape Browser” on page 26.
 - Adobe Acrobat Reader: See “Adobe Acrobat Reader” on page 27.

Hardware Requirements

- Any personal computer capable of running Windows 95 (or later) or Windows NT 4.0 (or later) with an Intel Pentium or compatible processor
- Display device supported by Windows 95 (or later) or Windows NT 4.0 (or later) with VGA or better resolution
- Any pointing device supported by Windows 95 (or later) or Windows NT 4.0 (or later)
- A CD-ROM or DVD reader accessed as a Windows drive
- Additional RAM or hard disk space as required by the softcopy tools on the tools disc (see the chapters on those tools for details)
- Additional hardware requirements for the softcopy tools on the tools disc
 - IBM Softcopy Reader: See “Software and Hardware Requirements” on page 29.
 - IBM SoftCopy Librarian: See “Hardware and Software Requirements” on page 42.
 - Netscape browser: See “Netscape Browser” on page 26.

– Adobe Acrobat Reader: See “Adobe Acrobat Reader” on page 27.

Optional Hardware

- A Windows-supported printer

Getting Started

1. Insert the tools disc into your CD-ROM or DVD drive.

- For a multi-disc library or collection, the install program starts automatically if autorun is enabled on your computer.

The install program does not start automatically if autorun is disabled on your computer. In this case, run SCTOOLS.EXE (in the root directory) to start the install program.

- For a single-disc kit, the install program does not start automatically. Instead, the softcopy collection index is automatically displayed. To start the install program, run SCTOOLS.EXE (in the root directory).

Note: If autorun is enabled on your computer, you can access the files on the tools disc without automatically launching any programs or files and without disabling autorun. Go to My Computer or Windows Explorer, right-click on the icon for your CD-ROM or DVD drive, then click Explore.

2. If desired, read the online documentation provided with the install program (SCREADME.TXT for the install program, or the online version of *Installing, Managing, and Using the Online Library*).

3. Using the install program, install the desired softcopy tools (See “Using the Program for Installing Softcopy Tools” for details.)

4. Exit the install program.

5. Insert a data disc to automatically view the softcopy collection index, which lists and links to the publications in the collection.

Using the Program for Installing Softcopy Tools

When the install program starts, you see a list of the tasks the program can help you with:

- Read about using softcopy and tools
- Install or update softcopy tools

You can also get help for the install program, as well as send feedback on the program or on the IBM softcopy collection.

The following sections describe the tasks in more detail.

Reading about Using Softcopy and Tools

To learn more about the install program, about softcopy in general and the tools that help you use and manage softcopy, or about the specific publications on the softcopy collection in your CD-ROM or DVD drive, click Read about using softcopy and tools. Then choose either of these online documents:

- SCREADME.TXT for the install program

- *Installing, Managing, and Using the Online Library* (the book you are now reading). By default, you see the HTML format of this book, but you can choose to see it in any of these formats:
 - **HTML:** For viewing with a Web browser.
 - **BookManager:** For viewing and searching with the IBM Softcopy Reader. This format provides the best search function of all the formats. It can also be used to print selected sections of the book, but the PDF format is recommended for printing large sections or an entire book.

Note: When you select the BookManager format, you may see a warning message prompting you to select whether to open the file or save it to disk. Select *Open it*. Also, to view BookManager files without being interrupted by this warning, uncheck the box *Always ask before opening this type of file*.
 - **PDF:** For viewing and printing with an Adobe Acrobat Reader. From this format you can print high-quality output that looks very similar to printed books received from IBM.
 - **Text:** For viewing with a workstation file viewer, such as Notepad.

From this window, you can also choose to view the softcopy collection index for the collection currently in your CD-ROM or DVD drive. This index is available as an HTML file, and also in the additional formats provided for *Installing, Managing, and Using the Online Library*, if available. From the HTML format, you can search for keywords in the file and open the softcopy files for the libraries and publications listed, provided that the disc containing the files is in your CD-ROM or DVD drive.

In addition, you can see Web links (URLs) that are helpful for this IBM softcopy collection. Plus, you can go directly to the *Send feedback* option to provide comments or ask questions about the IBM softcopy collection itself or about the program for installing softcopy tools.

Note: The install program displays the files for this option through a Web browser. If you do not yet have a Web browser installed, you can:

- Select the *Install or update softcopy tools* option to install one.
- Use a workstation file viewer to view the following text files. These files are in the root directory of the tools disc:
 - *INSTALL.TXT*: *Installing, Managing, and Using the Online Library*
 - *SCINDEX.TXT*: softcopy collection index

Installing or Updating Softcopy Tools

To install the tools for viewing and managing the softcopy on this collection, or to be sure you have the latest level of these tools, click *Install or update softcopy tools*.

1. The install program checks which softcopy tools currently exist on your computer and recommends what should be installed or updated to view and manage the collection.

You can deselect (uncheck) what you do not want to install or update.

These are the tools that you can install or update:

- IBM Softcopy Reader. Recommended reader; requires the Sun Microsystems, Inc. Java™ Runtime Environment (JRE) 1.3.0 or higher; will not be installed if minimum level of JRE is not already installed. The install program checks whether the required level of JRE is installed; if not, the install program can help you install it. For more information, see Chapter 5, “Installing IBM Softcopy Reader” on page 29.

Note: If you have an earlier level of JRE and prefer not to install a later level, you can use IBM Library Reader for Windows instead of IBM Softcopy Reader. IBM Library Reader for Windows is no longer supported and is not provided on the tools disc, but is available on an as-is basis from the IBM BookManager Web site:

<http://booksrv2.raleigh.ibm.com>

- IBM SoftCopy Librarian. If you plan to copy softcopy publications to a repository, select either V3 or V4 (Java) of SoftCopy Librarian. V4 requires Java Runtime Environment (JRE) 1.3.0 or higher (from either IBM or Sun Microsystems, Inc.); it will not be installed if minimum level of JRE is not already installed. The install program checks whether the required level of JRE is installed; if not, the install program can help you install it. For more information, see “Installing the SoftCopy Librarian” on page 45.
- Netscape browser. For more information, see “Netscape Browser” on page 26.
- Adobe Acrobat Reader. For more information, see “Adobe Acrobat Reader” on page 27.

2. After you make your selections, the program installs the selected items.

You may need to respond to prompts as the individual tools are being installed. The README files for some of the softcopy tools contain additional information to help you install these tools. User's guides are also available after you have installed certain tools.

- **IBM Softcopy Reader:** ILRJAVA\README.TXT on tools disc and Start→Programs→IBM Softcopy Reader→User's Guide
- **IBM SoftCopy Librarian:** Start→Programs→IBM Softcopy Librarian→User's Guide

3. Once installation is complete, you can choose to see the softcopy collection index for the library or collection currently in your CD-ROM or DVD drive.

4. If you installed IBM Softcopy Reader, make sure to shut down and restart your browser. This ensures that the browser will invoke IBM Softcopy Reader to open BookManager files.

The Softcopy Collection Index

When you view the softcopy collection index, you see the HTML format by default, but you can choose to see it in any of these formats, if they are available:

- **HTML:** For viewing with a Web browser. This format is only the catalog (index) portion of the complete booklet for the library or collection. The HTML format contains links that enable you to open the softcopy files for the libraries and manuals listed.

Note: In order for the links to open the softcopy files, the preferences for your browser must point to the IBM reader program you installed for viewing

BookManager books (extension .BOO) and bookshelves (extension .BKS).

If you install a copy of IBM Softcopy Reader from September 2000 (V2.3.1) or later and agree to have Softcopy Reader be the default reader for BookManager files, the installation process automatically updates the preferences for you. Otherwise, you cannot set up browser preferences for Softcopy Reader.

- **BookManager:** For viewing and searching with the IBM Softcopy Reader. This format is the complete collection booklet. The BookManager format provides the best search function of all the formats. It can also be used to print selected sections of the book, but the PDF format is recommended for printing large sections or an entire book.

Note: When you select the BookManager format, you may see a warning message prompting you to select whether to open the file or save it to disk. Select *Open it*. Also, to view BookManager files without being interrupted by this warning, uncheck the box *Always ask before opening this type of file*.

- **PDF:** For viewing and printing with an Adobe Acrobat Reader. This format is the complete collection booklet. From the PDF format you can print high-quality output that looks very similar to printed books received from IBM.
- **Text:** For viewing with a workstation file viewer, such as Notepad. This format is only the catalog (index) portion of the complete booklet for the library or collection.

All formats of the softcopy collection index are searchable. For example, you can look for any text or phrase that appears in the title of a publication or library.

From this window, you can also choose to view *Installing, Managing, and Using the Online Library*. This book is available in these formats:

- HTML
- BookManager
- PDF
- Text

In addition, you can see Web links that are helpful for this IBM softcopy collection. Plus, you can go directly to the *Send feedback* option to provide comments or ask questions about the install program or the IBM softcopy collection itself.

Netscape Browser

To help you view HTML files displayed by the program for installing softcopy tools, softcopy collections and libraries containing that install program also include a recent level of a Netscape browser.

- If your computer meets the requirements described in “System Requirements” on page 21, use the install program to install the Netscape browser.
- Otherwise, go to the NETSCAPE directory on the tools disc and run the EXE file to install the Netscape browser.

For information about Netscape browsers, go to the *Download* page at this Web site:

<http://www.netscape.com/>

Adobe Acrobat Reader

To help you view and print PDF files displayed by the program for installing softcopy tools, the collections and libraries containing that install program also include a recent level of Adobe Acrobat Reader.

- If your computer meets the requirements described in “System Requirements” on page 21, use the install program to install an Adobe Acrobat Reader.
- Otherwise, go to the ACROBAT directory on the tools disc and run the EXE file to install an Adobe Acrobat Reader.

If the Reader on the tools disc is not appropriate for your operating system, or if you need information about Adobe Acrobat Readers, go to the products page at this Web site:

<http://www.adobe.com/>

Chapter 5. Installing IBM Softcopy Reader

IBM Softcopy Reader can be installed on a personal computer with Windows 95, 98, NT 4.0 or higher, or 2000.

When you install the Softcopy Reader, four items will be installed on your workstation.

- **Readme file**, which contain the latest information on the product and installation instructions
- **User's Guide**, which explains how to use the Softcopy Reader
- **Book Reader program**, which helps you view and search online books
- **Bookshelf Organizer program**, which helps you manage online books and bookshelves

Once Softcopy Reader is installed, you can run the Book Reader and Bookshelf Organizer programs by clicking on the icons installed on the Window's desktop, or by clicking the Start button on the Windows desktop and proceed as follows:

Start > Programs > IBM Softcopy Reader

Software and Hardware Requirements

Required Software

- **Operating system** — One of the following:
 - Microsoft Windows 95, 98
 - Microsoft Windows NT 4.0 or higher, 2000
- **Java™ Runtime Environment**

You must have the Sun **Java™ Runtime Environment 1.3.0** installed before you can install IBM Softcopy Reader. If you **do not** already have it installed, you can download it from any of IBM Online Library Collection kits (March 2001 and later), or you can download a free copy of Java Runtime Environment 1.3.0 from the Internet:

<http://java.sun.com/j2se/1.3/jre/download-windows.html>

Notes:

1. Java Runtime Environment 1.3 includes the HotSpot Performance Engine, which is required by IBM Softcopy Reader. You do not have to install HotSpot separately.
2. IBM Softcopy Reader may work with earlier versions of the Java Runtime Environment, but this has not been tested.

Required Hardware

- Any personal computer capable of running Windows 95 (or later) or Windows NT with an Intel Pentium or compatible processor
- Display device supported by Windows 95 (or later) or Windows NT (VGA or better resolution)
- Any pointing device supported by Windows 95 (or later), or Windows NT

- 16MB of RAM in addition to the storage required by Windows 95 (or later) or Windows NT
- Hard-disk drive storage in addition to the storage required by Windows 95 (or later) or Windows NT:
 - IBM Softcopy Reader: 5MB
 - Java Runtime Environment: 5MB
- One or more Windows-supported CD-ROM drives and the equipment needed to attach them to your workstation

Optional Hardware:

- A Windows-supported printer

Directory Names of Your Books and Bookshelves

During installation you will be asked to specify the locations (path names) for books and bookshelves on your system. The books and bookshelves could be on:

- The hard drive of your system (C:,D:,E:, etc.)
- CD-ROM drives on your system
- External hard drives or CD-ROM drives that you are connected to via a network (you may have multiple CD-ROM drives you want to access)
- Other storage devices that can be attached to your system

Please have this information available when you start the installation.

Installation Steps

This is the sequence for installing the Softcopy Reader and Bookshelf Organizer:

1. Remove any previous versions of IBM Softcopy Reader, and beta versions of Softcopy Reader for Java. See “Removing IBM Softcopy Reader From Your System” on page 35.
2. Install Java Runtime Environment (if not already installed on your system). The Java Runtime Environment can be downloaded from any of the IBM Online Library Collections kits (March 2001 and later), and from the Internet. See “Installing Java™ Runtime Environment” on page 31.
3. Install IBM Softcopy Reader. This program is available from an IBM Online Library collection (June 2000 or later) and from the IBM BookManager Web site. See “Installing IBM Softcopy Reader” on page 31.
4. Start and run Book Reader or Bookshelf Organizer. See “Starting Book Reader and Bookshelf Organizer” on page 33.

Important: The Softcopy Reader will not run if the correct Java Runtime Environment is not present or properly installed on your system. The IBM Softcopy Reader installation program will check to ensure the correct version is installed. The installation will quit if it is not installed.

Installing Java [™] Runtime Environment

If you **do not** have the Sun **Java Runtime Environment 1.3.0** or later already installed on your system, you can download the environment from any of the IBM Online Library Collection kits (March 2001 and later), or you can download a free copy from the Internet:

<http://java.sun.com/j2se/1.3/jre/download-windows.html>

Installing IBM Softcopy Reader

These procedures will allow you to install IBM Softcopy Reader, which consists of Book Reader and Bookshelf Organizer, on your system. The install program is available from:

- Any IBM Online Library collection dated June 2000 or later
- The IBM BookManager Web site:

<http://booksrv2.raleigh.ibm.com/homepage/javaserv.html>

Specifying Paths to Books and Bookshelves During Installation

You can specify the locations (path names) for books and bookshelves on your system on:

- The hard drive of your system (C:,D:,E:, etc.)
- CD-ROM drives on your system
- External hard drives or CD-ROM drives that you are connected to via a network (you may have multiple CD-ROM drives you want to access)
- Other storage devices that can be attached to your system

Installing from an IBM Online Library Collection

IBM Online Library collections produced for June 2000 and later contain a copy of the IBM Softcopy Reader installation program. If the collection is made up of several CDs, refer to the documentation that came with it to see which CD-ROM contains the installation program. On most collections it will be on the first CD-ROM of the set.

Softcopy Tools Installation Program

This section assumes that you are not using the softcopy tools installation program to install IBM Softcopy Reader. For information about using the softcopy tools installation program, see Chapter 4, "Program for Installing Softcopy Tools" on page 21.

These instructions assume your hard disk is **C** and your CD-ROM drive is **D**. If they are not, substitute the drive letters you are using for the letters shown in the examples.

- 1** Start Windows 95 (or later) or Windows NT.
- 2** From the IBM Online Library collection, insert the disc containing the Softcopy Reader installation program into the CD-ROM drive on your PC.
- 3** Click on the **Start** button.

The Start menu appears.

4 Select the **Run** option.

The Run window appears.

5 In the Run window, if the following path does not appear:

d:\ilrjava\ilrjava.exe

Then type this path: **d:\ilrjava\ilrjava.exe**

6 Click on **OK**.

A window will open asking This self-extracting executable will install the IBM Softcopy Reader. Continue?

7 Click **Yes** and following the instructions on the Installation window.

8 During installation, you will be asked to:

- Specify the location (paths) to books and bookshelves.

For example: D:\BOOKS;D:\SHELVES

Note: These must be valid paths; that is, the directories must already exist in the drives specified.

If you have more than one CD-ROM drive, you can add the paths to them.

If you plan to copy books to your hard disk, you can add the paths to it as well, after defining the \books and \shelves directories on your hard drive. For example, if your hard disk is **C** and a second CD-ROM drive is **E**, the preceding example would now be:

D:\BOOKS;D:\SHELVES;C:\BOOKS;C:\SHELVES;E:\BOOKS;E:\SHELVES

- Select the default directory shown in the window to save any notes you create in the books, or specify your own directory.

Make sure the path for the notes directory is the same as the directory in which the program files were installed. The default is C:\Program Files\IBM\Scr.

- If you already have the IBM Library Reader installed on your system, specify if you would like to make the IBM Softcopy Reader the default reader.

9 When the installation is complete, you can start using Book Reader and Bookshelf Organizer. You do not have to reboot your system.

Icons for the Book Reader and Bookshelf Organizer will be placed on your desktop during installation.

Installing from the IBM BookManager Web Site

You can download the IBM Softcopy Reader from the IBM BookManager Web site as follows:

1 Start Windows 95 (or later) or Windows NT.

2 Open your Web browser and go to the IBM BookManager Web site:

<http://booksrv2.raleigh.ibm.com/homepage/javaserv.html>

3 Click on **Download Softcopy Reader self-extracting file**.

The Save As... window will open.

4 Select a drive and folder on your system to download the executable Softcopy Reader installation file (ILRJAVA.EXE), then click **Save**. The Softcopy Reader file will be downloaded to this drive and folder on your system.

5 Click on the windows **Start** button.

The Start menu should appear.

6 Select the **Run** option.

The Run window should appear.

7 In the Run window, click on **Browse**. When the Browse window opens, select the drive and folder you specified in Step 4 to save the file, then highlight the ILRJAVA.EXE file and click on **Open**. The correct path to the ILRJAVA.EXE file should be displayed in the Run window.

8 Click on **OK**.

A window will open asking This self-extracting executable will install the IBM Softcopy Reader. Continue?

9 Click **Yes** and following the instructions on the Installation window.

10 During installation, you will be asked to:

- Specify the location (paths) to books and bookshelves.
- Select the default directory shown in the window to save any notes create in the books, or specify your own directory.
- If you already have the IBM Library Reader installed on your system, specify if you would like to make the IBM Softcopy Reader the default reader.

11 When the installation is complete, you can start using Book Reader and Bookshelf Organizer. You do not have to reboot your system.

Icons for the Book Reader and Bookshelf Organizer will be placed on your desktop during installation.

Starting Book Reader and Bookshelf Organizer

This section shows you how to start and use Book Reader and Bookshelf Organizer. The following table shows when you would use each program.

Functions	Book Reader	Bookshelf Organizer
Open a bookshelf		YES
Open a book	YES	YES
Create a new bookshelf		YES
Search a book	YES (single book)	YES (multiple books)
Search a bookshelf		YES
Search an indexed bookshelf		YES
Create a note in a book	YES	
Use a bookmark	YES	
Print a topic	YES	
Copy a topic to clipboard	YES	
Save a topic as HTML	YES	

Starting Book Reader

Follow these steps to start Book Reader and open a book:

- 1 Insert the IBM Online Library CD-ROM into the CD-ROM drive.

Note: If you are using multiple CD-ROM drives, be sure you put all of the Online Library CD-ROMs you plan to use in the drives *before* starting Book Reader or Bookshelf Organizer to open the Online Library.
- 2 Start the Book Reader from the Window's desktop either by clicking on the Book Reader desktop icon, or click on the **Start** button and do the following:
 - a. Select the **Programs** option.
 - b. Select **IBM Softcopy Reader**.
 - c. In the Softcopy Reader group, select the icon for **Book Reader**

The IBM Softcopy Reader window should open.
- 3 From the Menu Bar click on **File**, then click on **Open**.

The Open Book window should open.
- 4 On the Open book window, in the Look in window click on the **down arrow symbol**. You should see a list of drives that are physically on or attached to your system via a network.
- 5 Click on the drive letter (**C:, D:, etc.**), then click on the folder containing the book you want to open. The books contained in the folder will then be listed.
- 6 Highlight the book you want to open by clicking on it, then click on **Open**. The book should open.

For instructions on using Softcopy Reader, see *Softcopy Reader: User's Guide* in the IBM Online Library Reference Bookshelf included on most Online Library CD-ROMs.

Starting Bookshelf Organizer

Follow these steps to start Bookshelf Organizer, select a bookshelf, then select and open a book:

- 1** Insert the IBM Online Library CD-ROM into the CD-ROM drive.
Note: If you are using multiple CD-ROM drives, be sure you put all of the Online Library CD-ROMs you plan to use in the drives *before* starting Softcopy Reader or Bookshelf Organizer to open the Online Library.
- 2** Start the Bookshelf Organizer from the Window's desktop either by clicking on the Bookshelf Organizer desktop icon, or click on the **Start** button and do the following:
 - a. Select the **Programs** option.
 - b. Select **IBM Softcopy Reader**.
 - c. In the Softcopy Reader group, select the icon for **Bookshelf Organizer**.

The IBM Softcopy Reader List of Bookshelves window should open. The List of Bookshelves window shows a list of the bookshelves you can access. This list of bookshelves is from all of the directory paths you specified when you did the configuration.

- 3** From the List of Bookshelves, highlight the bookshelf that contains the book you want to open by clicking on the bookshelf name.

Notes:

- a. The icon to the left of bookshelf name you selected will change to show an open bookshelf.
- b. By clicking on the **Name**, **Date**, and **Description** tabs of the window, you can change the order of how the bookshelves are listed:
 - Alphabetically: **Name** and **Description** tabs (ascending or descending)
 - Chronologically: **Date** tab (ascending or descending)

Click once for ascending and a second time for descending.

The Bookshelf window will display the name of the Bookshelf you selected and list all of the books.

- 4** From the Bookshelf window, double-click on a book. This will open the Book Reader window with the book you selected displayed.

For instructions on using Softcopy Reader, see *Softcopy Reader: User's Guide* in the IBM Online Library Reference Bookshelf included on most Online Library CD-ROMs.

Removing IBM Softcopy Reader From Your System

You can easily remove (uninstall) IBM Softcopy Reader (Book Reader and Bookshelf Organizer) from your system.

Note: If you have created any bookshelf (*.BKS) or notes (*.NTF) files in the directory where Softcopy Reader is installed (or its subdirectories) you should backup up those files to a different location before uninstalling.

To remove (uninstall) the program:

- 1** Double-click on **My Computer** on your Windows Desktop.
The My Computer window should open.
- 2** Double-click on the **Control Panel** folder.
The Control Panel window should open.
- 3** Double-click on **Add/Remove Programs**.
The Add/Remove Program window should open.
- 4** Scroll down the list of software and highlight **IBM Softcopy Reader** by clicking on it.
- 5** Click on the **Add/Remove** button and follow the instructions on the screen.

Part 3. Managing BookManager Softcopy

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Chapter 6. Introducing the SoftCopy Librarian

This chapter introduces and summarizes what the IBM SoftCopy Librarian can do for you and how to install it.

What the SoftCopy Librarian Can Do for You

The IBM SoftCopy Librarian V4.1 for Windows 95 and NT provides you with the ability to manage BookManager softcopy books you receive from IBM and from other companies and BookManager books that you can create.

The SoftCopy Librarian provides these capabilities:

- Support for a variety of sources for Bookshelves and Books

The SoftCopy Librarian lets you set up and maintain repositories using a variety of sources. You can obtain and transfer bookshelves of books from:

- CD collections (from IBM or from other companies)
- The IBM PUBLIB Web site (over the Internet)
- Other Web sites (that provide support for the SoftCopy Librarian)
- A local hard disk (that contains bookshelves of books that you created)

Note: In general, using the Internet to obtain books from IBM might be slower than using CDs. We recommend that you use the IBM CD-ROM collections for the normal quarterly refreshes, and use the Internet only for updating your repositories between quarters with latest releases or a few critically important bookshelves.

- Tracking of New and Updated Books

The SoftCopy Librarian keeps a catalog of all the bookshelves and book files that you send to your repository from any level of a CD, from your local hard drive, from the IBM PUBLIB Web site, or any other Web site that supports the SoftCopy Librarian. When a new level of a bookshelf arrives, on a new CD or downloaded from a Web site, the SoftCopy Librarian compares it and its contents with the catalog and shows you whether it's brand new or whether it's changed since the last level you received. You now have a way to see at a glance which shelves on a CD or on a supported Web site are currently in your host repository.

- Support for OS/390 and z/OS Repositories

The SoftCopy Librarian supports repositories in sequential data sets. You can use BookManager READ/MVS to access the books and bookshelves on your OS/390 or z/OS host. All communication with the host is done via FTP.

- Support for OS/390 and z/OS Unix System Services Repositories

The SoftCopy Librarian supports repositories in either hierarchical file systems or sequential data sets. You can use BookManager BookServer for MVS or BookManager READ/MVS to access the books and bookshelves on your OS/390 or z/OS host or server. All communication with the host is done via FTP.

- Support for Unix-like Repositories

The SoftCopy Librarian supports repositories on Unix-like servers. You can use BookManager BookServer to access the books and bookshelves on your Unix-like server. All communication with the host is done via FTP.

- Support for PC/LAN Repositories

The SoftCopy Librarian supports repositories on LAN server or local personal computer hard drives that can be accessed as a drive letter on Windows systems. The drive must be a valid target for a Copy command. You can use the BookManager Softcopy Reader to access the books and bookshelves on your LAN server or PC workstation.

- Managing Your Own and Other Manufacturer's Books

The SoftCopy Librarian will let you track shelves of BookManager books that you create or that you might receive with products from companies other than IBM.

- Available on all IBM Online Library CDs and from the IBM Web Site

The SoftCopy Librarian is available, at no cost, on all IBM Online Library collections and on other IBM product CDs.

The latest version of the SoftCopy Librarian is also available and can be downloaded from the following IBM Web site:

<http://publib.boulder.ibm.com/epubs/df/ebrsc1wj.exe>

Some Terms You Should Know

Here are some SoftCopy Librarian terms with which you should be familiar:

Source. Is the place from where you can obtain the bookshelves of books, in BookManager format, that you want to place into your repositories. Sources can include:

- CD drive for CD collections from IBM or other manufacturers
- The Internet for connection to IBM's online library or other online libraries
- A local hard drive or server for BookManager bookshelves and books you can create

Repository. Is the place where your softcopy items are stored. During SoftCopy Librarian setup, you specify where the repository is located and how to access it. You can define multiple repositories in these locations:

- OS/390 or z/OS host sequential data sets - identified by a high-level qualifier
- OS/390 or z/OS Unix System Services hierarchical file system - identified by an HFS directory,
- A Unix-like server - identified by a Unix-like directory
- A hard drive on a local PC or LAN server - identified by a PC directory

Catalog. Is a SoftCopy Librarian file that lists the softcopy items contained in a SoftCopy Librarian repository. You can create a catalog when you set up a new, empty repository. However, the catalog is automatically updated every time you use the SoftCopy Librarian to update your repository. The SoftCopy Librarian builds a catalog by querying the contents of the directory or the high-level qualifier (HLQ) specified during the setup of the repository and then by reading each bookshelf in the repository to get information about the books.

Overview of Setting Up the SoftCopy Librarian

In general, the steps that you must plan for are:

- 1** Determine whether your hosts and workstations meet the hardware and software requirements for using the SoftCopy Librarian.
- 2** Install the SoftCopy Librarian on your workstation.
- 3** Set up one or more repositories using:
 - OS/390 or z/OS repositories in sequential data sets.
 - OS/390 or z/OS repositories in OS/390 or z/OS Unix System Services hierarchical files.
 - Unix-like repositories.
 - PC or LAN repositories.
- 4** Create a catalog for each repository.
- 5** Transfer books to your repositories.
- 6** Maintain the repositories, which involves deleting old shelves, identifying and replacing missing books, and deleting orphan books.

Overview of Using the SoftCopy Librarian

After you have installed and set up the SoftCopy Librarian, you can use it to help you:

- Compare the contents of any source (that is, a CD you received, the contents of a supported Web site, or the hard drive of a server) with the catalog for any of your repositories.

This comparison will show you which bookshelves and books on that source are new, updated, installed, partial, or downlevel.

- Upload only new, updated, or partial bookshelves to your repository.

This saves you time and DASD space and still keeps your repository up to date. The catalog is updated automatically whenever you upload to the repository.

- Maintain your host repository.

The SoftCopy Librarian shows you which bookshelves in your repository can be replaced by the new and updated ones that you just transferred.

You can list the books in a bookshelf. It also shows you which books, if any, are missing from any of the bookshelves, and it shows you which books are “orphaned,” that is, not in any bookshelf. All this makes it easy for you to delete the bookshelves and books that have been replaced or are no longer needed.

Hardware and Software Requirements

This section describes the hardware and software required to install and use the SoftCopy Librarian on your hosts and workstations.

Hardware and Software Requirements for Your Workstation

This section describes the software and hardware requirements for the workstation on which you will do the following:

- Install the SoftCopy Librarian
- Create a catalog of softcopy that resides in your repositories
- Transfer softcopy bookshelves and books to your repository.

It must have the following hardware and software:

A workstation that consists of:

- A 300MHz processor or equivalent or faster.
- One of the following operating systems:
 - Windows 95 or later
 - Windows NT 4.0 or later
- Java Runtime Environment (JRE) V1.3 or later

You can obtain the Java Runtime Environment (JRE) V1.3 for Windows from IBM at:

<http://www.ibm.com/java/jdk/download/index.html>

You can also obtain the Java Runtime Environment (JRE) V1.3 for Windows 95, Windows NT, and Windows 2000 from Sun Microsystems at:

<http://java.sun.com/j2se/1.3/jre/download-windows.html>

- To use OS/390 or z/OS repositories, a TCP/IP link that supports FTP communications with your host
- To use LAN server repositories, a network connection which allows you to access the LAN server as a drive letter
- To use local PC repositories, no additional requirements
- To use CD-ROM collections as a source, a CD-ROM drive
- To use the Internet as a source or to check for updates to the SoftCopy Librarian, an Internet connection
- A minimum of 15MB of space on your hard drive

Hardware and Software Requirements for Your OS/390 or z/OS Host Repository

This section describes the software and hardware requirements for an OS/390 or z/OS host on which you will maintain one or more softcopy repositories.

Your host must have the following hardware and software:

A Host system that consists of:

- One of the following operating systems:

- z/OS
- OS/390
- A TCP/IP link that supports FTP communications from your workstation
Your destination host must be inside your firewall, the SoftCopy Librarian does not provide proxy support for this transfer.
- Sufficient DASD space for the bookshelves and books that will reside in your repositories.

Hardware and Software Requirements for a Unix-like Repository

This section describes the software and hardware requirements for a Unix-like server on which you will maintain one or more softcopy repositories.

Your server must have the following hardware and software:

- One of the following operating systems:
 - AIX
 - Linux
 - Any other Unix type operating system
- A TCP/IP link that supports FTP communications from your workstation
Your destination server must be inside your firewall, the SoftCopy Librarian does not provide proxy support for this transfer.
- Sufficient DASD space for the bookshelves and books that will reside in your repositories.

Hardware and Software Requirements for Your PC or LAN Repository

This section describes the software and hardware requirements for a PC or LAN on which you will keep your softcopy repositories.

- You must be able to access the repository's directory as either a drive letter.
- Sufficient DASD space for the bookshelves and books that will reside in your repositories.

If you meet the requirements for installing and using the SoftCopy Librarian, when you are ready, you can continue with the information in “Planning for Your Repositories” to help plan your repositories.

Planning for Your Repositories

This section discusses what you will need to know and some of the decisions that you must make in preparation for setting up your own repositories of softcopy books.

What Does the SoftCopy Librarian Manage?

The SoftCopy Librarian actively manages the following types of files:

- BookManager
 - Books (BOOK or .BOO files)
 - Bookshelves (BKSHELF or .BKS files)
 - Bookshelf indexes (BKINDEX or .BKI files)

Active management involves not just transferring files to your repositories, it also includes:

- Maintaining a catalog of the contents for each of your repositories
- Comparing what's currently in your repositories with new sources of bookshelves and books
- Providing you with the comparative status of the items in the source in relation to the contents of your current repositories.
- Updating the catalogs whenever you transfer new bookshelves and books to your repositories
- Identifying items in your repositories that can be removed because there are newer versions of these items also in your repositories.

How Many Repositories Might I Need?

The simplest arrangement is one repository that all users can access. You must define at least one repository for the SoftCopy Librarian to be able to manage any of your bookshelves and books.

You might need more than one repository depending upon several factors, which can include:

- All your users do not have access to the same host or server
- Even if they are on the same host they may not have access to the same LPAR
- You have a large number of books that are easier to manage in unique sets, for example, IBM and non-IBM.
- If you are migrating from one version or release of a system to another, you might want to keep the books in separate repositories to make it easier to delete the older set.
- If you are running a test release of your system along with your production release, you might want to keep the two separate from each other.

Where Can I Locate My Repositories?

You can set up one or more host repositories of softcopy bookshelves and books in any of the following places:

- On z/OS or OS/390 hosts:
 - In sequential data sets
 - In the hierarchical files (HFS) of Unix System Services
- On Linux, AIX or other Unix-like servers
- On LAN servers
- On local workstations

What Information Must I Gather before I Can Define a Repository

You must provide the following information when you define your repository:

- The arrangement of your repositories.
 - How many you plan have
 - What they will contain
 - Where they will be located
- **For all repositories:** A name for each new repository.

Note: This name can be anything you want. It is the name that the SoftCopy Librarian uses on your workstation to identify your repositories.
- **For host and Unix-like repositories only:** The name or IP address and the user ID and password you use to access your host or server.
- **For all repositories:**
 - One or more directories or high-level qualifiers that will contain book (.BOO) files.
 - A directory or high-level qualifier that will contain index (.BKI) files. It can be one of the directories or high-level qualifiers that you specified for the books.
 - A directory or high-level qualifier that will contain all shelves. It can be the same directory or high-level qualifier that you specified for the books and indexes.

Note: For host repositories in sequential data sets only: Your bookshelves and books do not require unique HLQs. For example, if your BookManager code is installed under IBMBK, then the bookshelves and books could be installed under IBMBK.SOFTCOPY.
- **For host repositories in sequential data sets only**
 - A high-level qualifier for the SoftCopy Librarian's bookshelf list (EBRMGMT).
 - The type of DASD device you are using
 - The block size for that DASD device (provided)
 - The volume in which the data sets will reside
 - **For SMS users only:** The applicable data, management, and storage classes that you are using
- **For host, Unix-type, and LAN server repositories only** Any FTP commands required by your location to transfer the bookshelves, books, and indexes from the workstation to your host or server.

Installing the SoftCopy Librarian

This section describes:

- Where you can find the SoftCopy Librarian installation package
- How to determine which version is available for download
- How to determine whether an updated version is available

- How to install the SoftCopy Librarian on Windows 95 and Windows NT workstations.

Softcopy Tools Installation Program

This section assumes that you are not using the softcopy tools installation program to install IBM Softcopy Reader. For information about using the softcopy tools installation program, see Chapter 4, "Program for Installing Softcopy Tools" on page 21.

Locating the SoftCopy Librarian Package

The install package is located in the SCL directory on the Tools disc of CD-ROMs that are part of the IBM Online Library collections:

`\SCL\EBRSCLWJ.EXE`

The latest version of the Windows install package is also available at this Web address:

<http://publib.boulder.ibm.com/epubs/df/ebrsclwj.exe>

The filename of the SoftCopy Librarian install package is **EBRSCLW.EXE**.

Determining If a Later Version Is Available for Download

From time-to-time, an updated version of the SoftCopy Librarian is made available for download from the IBM SoftCopy Librarian Web site. If you are using a Windows workstation, you can check automatically or manually if a later version than the one you currently have installed on your workstation is available. You might want to do either of these checks occasionally.

Checking for a Later Version Automatically

To check automatically, do the following:

1 On the SoftCopy Librarian's menu bar, select Help.

2 In the Help pull-down menu, select Check for Updates (automatic).

The Check for Updates (automatic) choice will compare the version that you have installed with the version that is currently available at the SoftCopy Librarian Web site.

3 If there is a later version available at the Web site, you will be asked if you want to download it. If you do, click **OK**.

If you choose to download it, you will also be asked if you want to install it.

4 If you want to install the new version, click **OK**.

If you choose to install it, follow the instructions in "Installing the SoftCopy Librarian on a Windows Workstation" on page 47.

Note: If, because of your firewall, the SoftCopy Librarian cannot perform the automatic check, you can use the manual check described below.

Checking for a Later Version Manually

To check manually, do the following:

1 Locate the Check for Updates (manual) choice. Do one of the following:

- **From the Windows Start Menu:**

- a. Go to the Start menu.
- b. Select Programs.
- c. From the Programs menu, select IBM SoftCopy Librarian.
- d. From the Service menu, select Check for Updates (manual).

- **From the SoftCopy Librarian Help Menu:**

- a. On the SoftCopy Librarian's menu bar, select Help.
- b. In the Help pull-down menu, select Check for Updates (manual).

The Check for Updates (manual) choice, presents you with an HTML page containing a link to the SoftCopy Librarian's Readme file.

2 Click on the link to the Readme file and look at the version listed.

The first line of the Readme contains the version number.

3 Compare the version listed in the Readme with the version that you have installed.

The Readme also explains how to determine which version you have installed.

4 If there is a later version available on the Web site, you can download the Windows version of the SoftCopy Librarian install package.

Installing the SoftCopy Librarian on a Windows Workstation

To install the SoftCopy Librarian on a Windows workstation, do the following:

1 Locate the install package EBRSCWJ.EXE and invoke it from Windows Explorer, the Start->Run prompt, or a command prompt.

The Unpacking IBM SoftCopy Librarian window appears. When the SoftCopy Librarian code is unpacked, the Welcome window appears in the IBM SoftCopy Librarian Setup screen.

2 In the Welcome window, press the **Next>** button.

The Choose Destination Location window appears.

3 In the Choose Destination Location window, you can accept the default destination C:\Program Files\IBM\IBM SoftCopy Librarian V4 or choose another. When you are ready, press the **Next>** button.

The Start Copying Program window appears to confirm your choices.

4 In the Start Copying Program window, press the **Next>** button.

A progress indicator shows the SoftCopy Librarian files being installed. When the installation is complete, the Setup Complete window appears.

5 In the Setup Complete window, press the **Finish** button.

After you have installed the SoftCopy Librarian code, you are ready to start the SoftCopy Librarian and prepare your host or server for setting up a repository. Refer to the SoftCopy Librarian User's Guide on this collection.

Chapter 7. Transferring Books To Your Workstation or Host with the Softcopy Receiver Tool

Final Shipment of SCRT in September 2001

The Softcopy Receiver Tool is no longer supported as of September 2001.

The SCRT is being shipped for the last time on the September and October 2001 softcopy collections. You should start using IBM SoftCopy Librarian instead.

Starting in December 2001, softcopy collections will not will not include the SCRT. Instead, only the IBM SoftCopy Librarian will be included.

You can use the Softcopy Receiver Tool (SCRT) to select and receive online books and bookshelves from IBM softcopy collections onto your OS/2 or Windows (95 or NT) workstation or to DASD on your z/OS, OS/390, z/VM, or VM host system.

Using SCRT/OS2, or SCRT/WIN95, or SCRT/WINNT

These programs handle the transfer of publications from CD-ROMs or DVDs at a workstation to a hard disk on a workstation or LAN server or to DASD on a z/OS, OS/390, z/VM, or VM host. The books, bookshelves, and search indexes are transferred from a CD-ROM or DVD drive that is attached to your workstation to a hard disk on your own workstation or on an accessible workstation or LAN server or to DASD on your host.

These programs offer the following alternatives for file transfer:

- SEND support—uses a 3270 terminal emulator SEND command to transfer the selected files to your chosen host
- FTP support—uses File Transfer Protocol to transfer the selected files to your chosen host
- NFS support—uses Network File System to copy the selected files to NFS-mounted z/OS or OS/390 DASD accessed as a drive letter on your workstation
- Copy support—copies the selected files to a local or remote drive accessed as a drive letter on your workstation

The SCRT runs from the disc it is on against the BookManager files on that same disc. For collections with a separate tools disc, the SCRT directories are on all discs other than the tools disc.

For OS/2, run the program

```
d:\SCRT\SCRT2\EBRSCRT2.EXE
```

For Windows95 or WindowsNT, run the program

```
d:\SCRT\SCRTW\EBRSCRTW.EXE
```

where "d:" is your CD-ROM or DVD drive letter.

For more information, refer to the online Help available via the action bar.

Using the SCRT on AS/400

If you are using the SCRT to copy books to an AS/400 directory, you must first assign a drive letter to the target AS/400 directory. See “Using the SCRT to Install Books to an AS/400 System Directory” on page 68 for more information.

Part 4. Using BookManager and PDF Softcopy Files

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Chapter 8. Learning to Use IBM Softcopy Reader

After you insert a disc for an IBM softcopy collection, you can use the Bookshelf Organizer of the IBM Softcopy Reader to see a list of the bookshelves you have available.

From this list of bookshelves, you can:

- Sort the list of bookshelves by name (filename), date, or description (title).
- Locate a bookshelf that contains the books you want.
- Open a bookshelf and list all the books in it.

From the list of the books in a bookshelf, you can:

- Sort the list of books by name (filename), date, description (title) or document number.
- Search all the books in a bookshelf for a word or phrase without opening them.
- Search a book for a word or phrase without opening it.
- Open a book.

If you open a book, you can:

- Begin reading by turning pages.
- Select an entry in the table of contents and jump there.
- Search for a word or phrase.
- Look at pictures.
- Use cross-references to other places in the book.
- Go to the index; select an entry, and jump there.
- Print one or more topics.
- Copy one or more topics to a file.
- Use all the other Softcopy Reader capabilities.

The instructions in the following sections show you how to accomplish basic tasks and should give you enough help so you can find and use any online book in an IBM softcopy collection.

- For the latest information about using the IBM Softcopy Reader, look for the README and BOO files in the directory where the reader was installed.
- To learn about more advanced features of the readers for IBM softcopy collections, see “Using Other Softcopy Reader and BookManager READ Capabilities” on page 58.

Using the List of Bookshelves

Sorting the Bookshelf List

1 Select the View option on the action bar.

A pull-down window appears.

2 Select Sort Bookshelves ►.

The Sort Bookshelves ► choice will open a pop-up window.

- 3 Select to sort by description (title).

Locating a Bookshelf That Contains the Books You Want

- 1 If the list of bookshelves does not fit on the screen, move the mouse pointer to the scroll bar on the right side of the list of bookshelves.
- 2 Click on the top or bottom arrows to scroll the list up or down.
Or,
Click and hold on the slider to move the list rapidly up and down.

Opening a Bookshelf and Listing the Books in It

- 1 Move the mouse pointer to the bookshelf you want.
- 2 Single-click to select the bookshelf.
The list of books in the bookshelf will appear.

Using the All-Disc Bookshelf to Locate a Book

Sometimes you may want to find a particular book, but may not know what bookshelf it is contained in. This search is not difficult to do, using the all-disc bookshelf for the disc.

- 1 Select the View option on the action bar.
A pull-down window appears.
- 2 Select Sort Bookshelves ►.
The Sort Bookshelves ► choice opens a pop-up window.
- 3 Select the sort by description (title). The All-Disc Bookshelf appears at or near the top of the list.
- 4 Move the mouse pointer to the All-Disc Bookshelf.
- 5 Single-click to select the bookshelf.
Note: This bookshelf is large. Allow extra time for it to open.
- 6 Continue with “Searching All the Books in a Bookshelf without Opening Them” on page 55.

Using the List of Books

Sorting the List of Books

- 1 Select the View option on the action bar.
A pull-down window appears.
- 2 Select Sort Books ►.

The Sort Books ► choice will open a pop-up window.

- 3 Select to sort by description (title).

Searching All the Books in a Bookshelf without Opening Them

- 1 Press Ctrl-S, or
Go to the action bar and select Search.
The Search Bookshelf window appears.
- 2 In the Search Bookshelf window, type the word or phrase you want to find. Click on the icons for the desired search options, then click on Search.
You then see a list of the books in the bookshelf that contain the word or phrase you want.

Hint

If no books contain your word or phrase, try using a synonym or another term for what you want.

- 3 Single-click to select a book from the list.
For the selected book, you will see a list of the topics that contain the word or phrase you typed.
- 4 Double-click a topic and the book will open to that topic and display a Search Book window listing the search results for the book. You can go from match to match and from topic to topic. You can continue to select any of the topics from the Search Results window until you are done.
- 5 When you want to look at another book, close the book you are looking at and select a different book from the list.

Searching a Book for a Word or Phrase without Opening It

- 1 Select the desired bookshelf from the list of bookshelves.
- 2 In the list of books on the bookshelf, select the books to be searched.
- 3 Press Ctrl-S, or
Go to the action bar and select Search.
- 4 In the pull-down window that appears, select Selected Books....
The Search Bookshelf window appears.
- 5 In the Search Bookshelf window, type the word or phrase you want to find. Click on the icons for the desired search options, then click on Search.
You then see a list of the books in the bookshelf that contain the word or phrase you want.

Hint

If no books contain your word or phrase, try using a synonym or another term for what you want.

- 6** Single-click to select a book from the list.

For the selected book, you will see a list of the topics that contain the word or phrase you typed.

- 7** Double-click a topic and the book will open to that topic and display a Search Book window listing the search results for the book. You can go from match to match and from topic to topic. You can continue to select any of the topics from the Search Results window until you are done.

- 8** When you are done, close the book you are looking at.

Opening a Book

- 1** Move the mouse pointer to the book you want.
- 2** Double-click on it.

The book will open to its table of contents.

Using a Book

Reading a Book by Paging through It

- 1** Use the scroll bar to move up and down in a topic.
- 2** Go to the next topic by selecting the next topic icon on the tool bar.
- 3** Go to a previous topic by selecting the previous topic icon.

Using the Table of Contents

- 1** If the table of contents is not already on your screen, go to the action bar and select **Navigate**.
- 2** In the pull-down window that appears, select **By Topics**.
You will see a pop-up window with the table of contents.
- 3** Select a topic and the book will turn to that topic.
- 4** When you no longer need the separate table of contents window, close it.

Searching In a Book for a Word or Phrase

- 1 Press Ctrl-S, or

Go to the action bar above the book window and select Search. In the pull-down window that appears, select Search Book....

The Search Book window appears.

- 2 In the Search Book window, type the word or phrase you want to find. Click on the icons for the desired search options, then click on Search.

The Search Results window will appear with a list of the topics that contain the word or phrase you typed.

Hint

If no books contain your word or phrase, try using a synonym or another term for what you want.

- 3 Select a topic and the book will turn to that topic. You can go from match to match and from topic to topic. You can continue to select any of the topics from the Search Results window until you are done.

- 4 When you are done, close the window.

Looking at Pictures

- 1 When you see the identifier for a picture on your screen,

PICTURE *number*

There is a picture at that spot in the text.

- 2 Select the word PICTURE, and the picture will appear on your screen.

- 3 To remove it, press F3.

Using Cross-References

- 1 If there is a cross-reference to some other place in the book and it is highlighted, for example:

See Figure 5 in topic 2.2.4.

You can turn to that topic.

- 2 Select the cross-reference, and the book will turn to that topic.

- 3 To return to where you were, select the return icon on the tool bar.

Using the Index

- 1 Go to the action bar, and select Navigate.

- 2 In the pull-down window that appears, select By Index....

You will see a pop-up window with the index.

- 3 Select an entry, and the book will turn to that topic.

Printing Topics

For information about printing topics, see “Using IBM Softcopy Reader” on page 59.

Copying Topics to a File

- 1 Select what you want to copy. Do one of the following:
 - Printing to a File
 - a. Select the topics to be printed, as described in “Using IBM Softcopy Reader” on page 59.
 - b. In the Print window, select the Print to File box.
 - c. Select the OK button.
 - d. In the window that appears, identify the file into which you want to copy.
 - e. Select the OK button.
 - Copying to the Windows Clipboard
 - a. Using the mouse, position the cursor at the beginning of the text you want to mark.
 - b. While holding the left mouse button down, move the cursor to the end of the text you want.
 - c. Go to the action bar and select Edit.
 - d. In the pull-down window, select Copy.
- 2 The topic you selected or the text you marked will be copied to the file you named or to the Windows clipboard.

Reading Your Own Online Documentation

If you use IBM BookManager BUILD licensed programs to create your own documentation, your books can be read by the IBM BookManager READ licensed programs or by the IBM Softcopy Reader.

Using Other Softcopy Reader and BookManager READ Capabilities

For instructions on using the BookManager READ/VM licensed program, or the IBM BookManager READ component of z/OS or OS/390, you can refer to one of the following:

- *IBM BookManager READ/MVS: Displaying Online Books*, SC38-2034 (in the *z/OS Collection*, SK3T-4269, and in the *IBM Online Library Omnibus Edition: OS/390 Collection*, SK2T-6700)
- *IBM BookManager READ/VM: Displaying Online Books*, SC23-0449 (in the *IBM Online Library Omnibus Edition: VM Collection*, SK2T-2067)
- *IBM OS/390 BookManager Hints and Tips*, GC28-1987

Chapter 9. Printing Hardcopy from Softcopy Files

You can print your own hardcopy when you need it from the softcopy files provided on IBM softcopy collections, on a library on the Internet, or on a local repository or Web site.

- If you are viewing a softcopy file and you want hardcopy of a topic or two, you can print from the BOOK or PDF file you are viewing.
- For a complete hardcopy book that looks like a traditional manual you would order from IBM, print the PDF file for the book.

Printing from a BOOK File

How to print topics from a BookManager BOOK file depends on how you are viewing that file:

- From your workstation, with IBM Softcopy Reader (for example, to read a BookManager BOOK file from a CD-ROM)
- From a library on the Internet (such as the z/OS Internet library or the OS/390 Internet library), which uses IBM BookManager BookServer to display BookManager BOOK files
- From a host, with BookManager READ

Because the printout is from the BookManager BOOK file itself, the output looks like the BookManager BOOK file, with numbered sections and subsections instead of page numbers. But remember—you should only use the BookManager BOOK file to print a topic or two, and not the whole book.

With BookServer, if a companion PDF file is present for a BookManager BOOK file, Adobe® Acrobat® Reader™ can be launched for that PDF, from which desired pages in the PDF document may be printed.

Using IBM Softcopy Reader

To print the topic you are currently viewing:

1. Click on the **Print** icon or go to **File** → **Print**. This opens a Print window.
2. Click on the **Current** button. This opens your workstation Print window.
3. Complete the print options in your workstation Print window, then click **OK** to print the current topic.

To print selected topics:

1. Select the desired topics in the “table of contents” frame. Hold down the **Shift** key to select a list of topics, or hold down the **Ctrl** key to select specific topics.
2. Click on the **Print** icon or go to **File** → **Print**. This opens a Print window.
3. Click on the **Selected** button. This opens your workstation Print window.
4. Complete the print options in your workstation Print window, then click **OK** to print the selected topics.

Using the z/OS or OS/390 Internet Library

Printing from the z/OS or OS/390 Internet library gives you a very high-quality output.

- To use the z/OS Internet library, go to <http://www.ibm.com/servers/eserver/zseries/zos/bkserv/>
- To use the OS/390 Internet library, go to <http://www.ibm.com/s390/os390/bkserv/>

To print the topic you are currently viewing:

1. Click your browser **Print** icon.
2. Follow the usual steps for printing from your browser.

To print selected topics:

1. Click the BookManager BookServer **Print** icon (not your browser **Print** icon). This opens a Print Preview window.
2. Highlight the desired topics from the selection box. Hold down the **Shift** key to select a list of topics or hold down the **Ctrl** key to select specific topics.
3. Click the **Selected topics** button. You then see a formatted preview of the topics.
4. Use your browser's print facility to produce a hardcopy document of the information shown.

To print pages from a BookManager BOOK file you are currently viewing:

1. Click the BookManager BookServer Download PDF icon, if selectable.
2. When presented with the File Download dialog, select "Open this file from its current location" and then click "OK," which will launch the Adobe Acrobat Reader for the PDF.
3. From within the Adobe Acrobat Reader, the desired pages in the PDF document may be printed via the Acrobat Reader print function.

To print pages from a PDF document you select from a bookshelf, bookshelf search results list, or a catalog list:

1. Click the PDF icon, if present.
2. When presented with the File Download dialog, select "Open this file from its current location" and then click "OK," which will launch the Adobe Acrobat Reader for the PDF.
3. From within the Adobe Acrobat Reader, the desired pages in the PDF document may be printed via the Acrobat Reader print function.

Using BookManager READ

If your company has established a softcopy repository on the host (z/OS, OS/390, z/VM, or VM), you can use the Print option of BookManager READ to get hardcopy of a topic or two. However, BookManager READ by itself (without other programs such as DCF and BookMaster, which are separate programs) provides a lower quality print than printing from BookManager BookServer—it is essentially a screen print. Sometimes, though, BookManager READ may be the only available option. In that case, here's how to proceed.

1. Open the book you are interested in.

2. To set your print options, select the Options pull-down menu, then select the print option and specify the desired values.
3. Use the PRINT command to print one or more topics in the book.
(BookManager READ/MVS invokes the ISPF panels you normally use to print at your site. BookManager READ/VM invokes the program specified in the print options.)

Enter the command in one of the following ways:

PRINT

PRINT topic1

PRINT topic1 **TO** topic2

PRINT topic1 **FOR** number-of-topics

- To print the current topic, enter the **PRINT** command without operands.
- To print all of a topic (such as 1.0), including its subtopics, enter the next topic number (such as 2.0), then prev. Make note of the last topic number (for example, 1.6.4), then enter the **PRINT** command with the complete range (**PRINT 1.0 TO 1.6.4**).

Printing a PDF File

In the workstation environment, you use an Adobe® Acrobat® Reader™ to view and print PDF files. But sometimes you need alternatives. For large or graphically complex books that need to be printed on AFP™ printer, you might want to have the host handle the transforms, instead doing it on the workstation before sending the file. Also, you may want to be able to print PDFs stored in a host repository. z/OS or OS/390 and the optional Infoprint Server feature support these additional options for printing PDF files.

Using an Adobe Acrobat Reader

1. Install an Adobe Acrobat Reader on your computer. Starting in September 2000, many IBM softcopy collections contain a recent level of an Adobe Acrobat Reader (at no extra charge). You can also go to the Adobe Web site at <http://www.adobe.com> for other readers or more information.
2. Open the PDF you want to print. The PDF can be on a CD-ROM, on the z/OS Internet library—anywhere you can view it with an Adobe Acrobat Reader.
3. Select the Reader's Print option.
4. Select the desired printer and specify other print options as appropriate.
5. Click OK to print the file.

Reminder: Be aware that if you decide to print a subset of a book from a PDF file, the “pages” (as understood by Adobe Acrobat Reader) are totally sequential. The Reader views the front cover as page 1 and takes off from there—no Roman numeral page numbers for the front matter, no section numbering. So, when you specify the pages to print, be sure to enter the page numbers from the Reader's point of view (check the page box at the bottom of the screen) and not as they appear on the individual pages of the book.

Using a LAN- or Host-attached AFP Printer

Some PDF files are too large or graphically complex to print on the typical desktop or LAN-attached printer. z/OS and OS/390 provide a solution. Infoprint Server (an optional, priced feature of z/OS and OS/390), with the Infoprint Server Transforms (free to Infoprint Server customers), lets you print high-quality hardcopy of PDF files on high-speed LAN-attached or host-attached AFP printers managed by PSF for OS/390.

- Workstation users on a LAN connected to z/OS or OS/390 can print PDFs from a CD-ROM, the Web, or the LAN.
- Host users can print PDFs from an MVS or HFS data set, such as a host repository of softcopy files, or PDFs uploaded from a CD-ROM.

At a high-level, these are the requirements:

- InfoPrint Server and the InfoPrint Server Transforms must be installed on z/OS or OS/390.
- The system administrator must define one or more AFP printers to Infoprint Server and configure the printer definitions to use the PDF to AFP transform. (PostScript to AFP and PCL to AFP transforms are also available at no extra cost.)
- For host users, the system administrator can customize the AOPPRINT JCL procedure to create a job for printing PDF documents on AFP printers. Host users can also use the OS/390 UNIX lp command to print PDF documents on AFP printers, and the OS/390 UNIX pdf2afp command to create AFP documents.
- Workstation users can download an Infoprint Server Windows client (the OS/390 Printer Port Monitor) to route workstation print requests to Infoprint Server on z/OS or OS/390 and to AFP printers. Workstation users can also submit print requests using the Internet Printing Protocol available on Windows 2000, the SMB protocol available on all Windows systems, and the TCP/IP LPR command available on most workstation platforms.

For an overview of this support, visit <http://www.ibm.com/printers>. For details on this support, see the z/OS Infoprint Server documentation in any of these locations:

- *z/OS Collection*, SK3T-4269
- z/OS Internet library, at <http://www.ibm.com/servers/eserver/zseries/zos/bkserv/>
- *OS/390 Collection*, SK2T-6700
- OS/390 Internet library, at <http://www.ibm.com/s390/os390/bkserv/>

Chapter 10. Using IBM Softcopy Collections on Your z/OS, OS/390, z/VM, or VM Host

After using the IBM SoftCopy Librarian to transfer bookshelves, indexes, and books to your z/OS, OS/390, z/VM, or VM host, you need to make the bookshelves available and usable on your host system. This chapter explains how to do this.

Making Bookshelves Available on z/OS or OS/390

- 1** Start BookManager the z/OS or OS/390 Reader (whichever is appropriate) and go to the list of bookshelves.
- 2** Do **not** select any bookshelves. Select **Books** choice on the action bar and press Enter.
- 3** In the window that appears, select **6. Perform file functions**.
- 4** In the window that appears, select **5. Add**.
- 5** Type, between single quotation marks, the name of the first bookshelf you uploaded and press **Enter**.

```
'ibmbk.ez2shelf-name.bkshe1f'
```

You may want to add to the master list, which is defined by the QLSHELF parameter in the EOXVOPTS REXX EXEC. For example, if you look at the EOXVOPTS member, you see a statement like this:
QLSHELF = "'EOY.BKLSHELF'"

The name of the master list here is:
'EOY.BKLSHELF' The bookshelf is now added.
- 6** Repeat steps 4, 5, and 6 for each bookshelf in BKSHELF.LST. When you have finished, press **F12** to return to the list of bookshelves.
- 7** Type a slash (/) next to each bookshelf you just added.
- 8** Select the **Books** choice on the action bar and press **Enter**.
- 9** In the window that appears, select **6. Perform file functions**.
- 10** In the window that appears, select **4. Edit**.
- 11** In the window that appears, select **4. Add data set names**.
- 12** In the window that appears, type the high-level qualifier that you added to each file name, and press **Enter**. For example, `ibmbk`
- 13** Press **F12** to return to the previous window.
- 14** Press **F6** to skip the bookshelf you just added. The next bookshelf you selected appears.

- 15** Repeat steps 10, 11, 12, and 13 for each bookshelf you selected.
- 16** When you have finished with all the bookshelves, a window with the list of bookshelves reappears.
- 17** Press **F5** to refresh the list and see the newly added bookshelves.

You are now ready to use the new bookshelves. You can use the **BOOKMGR** command in your host session to view the bookshelves and books in a collection of IBM books. Refer to the BookManager READ/MVS books for more information about using BookManager READ on your host.

Note: To conserve space on your host DASD, you can release any unused space you allocated when you uploaded the books and bookshelf search indexes. You can use DFHSM to migrate the data set.

Making Bookshelves Available on z/VM or VM

Although it is not required, you should add the bookshelf files to the BookManager public library. Otherwise, you can access them directly if the minidisk containing the files is currently accessible.

When you are finished transferring files to your z/VM or VM host, you can use the **BOOKMGR** command in your host session to view the bookshelves and books.

Chapter 11. Sharing IBM Softcopy Collections with Your VSE Host

You can share IBM softcopy collections with the users of your VSE host in two ways:

- **For VSE running under VM:** You can install the BookManager READ/VM licensed program on your VM host and upload the files you want to use.
- **For stand-alone VSE:** You can install IBM Softcopy Reader on your workstations and use the collections at these workstations.

Distributing IBM Softcopy Collections to VSE Workstations

You can distribute IBM softcopy collections to VSE workstations that do not have CD-ROM or DVD readers by using diskettes and using the PUN Queue.

Distributing IBM Softcopy Collections Using Diskettes

You can copy the IBM Softcopy Reader and softcopy files to diskettes on one workstation and copy them to the hard disk on another workstation.

Uploading Books, Bookshelves, and Indexes to the PUN Queue

You can transfer files to the VSE/POWER PUN queue from one workstation and then retrieve them from the queue at another workstation.

- 1** At your VSE host, make sure the VSE/POWER data file has enough free space. Enter the command **D Q** at the system console.

The system displays the percentage of space already used in the data queue. To determine how much free space is available in the data file, multiply the displayed values for free DBLK groups, DBLK group size, and DBLK size (free DBLK groups × DBLK group size × DBLK size).

To send files, set up the VSE host for normal file transfer to or from a workstation (see *VSE/ESA Programming and Workstation Guide*).

- 2** At the workstation OS/2 or DOS command prompt, switch to the drive with the directory containing the files you want to transfer. If the books are on your F drive, type: `f:`
- 3** Change to the directory on that drive containing the files. If the books are on the \BOOKS directory, type: `cd \books`
- 4** Do one of the following to transfer files to the PUN queue:
 - Use individual DOS or OS/2 SEND commands to transfer files to the PUN queue. For example:

```
send dto32e00.boa dto32e00 (file=pun binary class=v dest=any  
lrecl=4000
```
 - Create an OS/2 command like the following to transfer three books to the PUN queue at the same time:

```
SEND GETBOOK.COM GETBOOK (FILE=PUN BINARY CLASS=V DEST=ANY  
LRECL=4000
```

```
SEND DT032E00.B00 DT032E00 (FILE=PUN BINARY CLASS=V DEST=ANY
LRECL=4000
SEND DT0U2000.B00 DT0U2000 (FILE=PUN BINARY CLASS=V DEST=ANY
LRECL=4000
SEND DT0R2000.B00 DT0R2000 (FILE=PUN BINARY CLASS=V DEST=ANY
LRECL=4000
```

Explanation:

- The command file sends three books to PUN.
- For DOS, this file would be named GETBOOK.BAT instead of GETBOOK.COMD.
- CLASS=V designates the files belong to this specific queue class. You should make sure PUN is not started for the class you select.
- DEST=ANY so any user can retrieve the books from the queue.
- GETBOOK.COMD is a file for retrieving the books.

Receiving Books, Bookshelves, and Indexes from the PUN Queue

After you have transferred files to the VSE/POWER PUN queue from a workstation, you can retrieve them from the queue at another workstation.

Before receiving any files, you should decide into which directory or partition on the receiving workstation you want to put them. The following example assumes you want to put the books into the \BOOKS directory on your C hard disk. After you decide where you want to put the books, make sure the destination you chose is in the PATH statement on the workstation.

- 1** Set up the VSE host for normal file transfer to a workstation.
- 2** At the workstation receiving the files from the PUN queue, use individual DOS or OS/2 RECEIVE commands to transfer files from PUN.

If you sent a command file like the one described below to the PUN queue, you can receive it, and use it to receive the other files. For example, to receive the GETBOOK file from PUN queue:

For OS/2: receive d:\books\getbook.cmd getbook (file=pun binary class=v

For DOS: receive d:\books\getbook.bat getbook (file=pun binary class=v

After you have retrieved the command file, use it to retrieve one or more queue entries from PUN. For example, if the GETBOOK file contains RECEIVE commands for three books, entering getbook receives the following files:

```
RECEIVE D:\BOOKS\DT032E00.B00 DT032E00 (FILE=PUN BINARY CLASS=V
RECEIVE D:\BOOKS\DT0U2000.B00 DT0U2000 (FILE=PUN BINARY CLASS=V
RECEIVE D:\BOOKS\DT0R0000.B00 DT0R0000 (FILE=PUN BINARY CLASS=V
```

The queue entries remain in PUN until you use PDELETE to delete them.

Chapter 12. Using IBM Softcopy Collections on an AS/400 System

You can share IBM softcopy collections on your AS/400 System using InfoSeeker on the AS/400 System to read books or using IBM Softcopy Reader on an AS/400-attached workstation.

AS/400 InfoSeeker became part of the Operating System/400 in Version 3 Release 1. It is a version of the BookManager Library Reader specially designed for use on the AS/400 System. With InfoSeeker, you can view online books from any workstation, including non-programmable workstations.

The PC-based Softcopy Reader provides features not available with InfoSeeker, such as allowing you to:

- Display the pictures in the books
- Add margin notes to the books
- Print topics with better quality
- Print pictures

On AS/400 Advanced Series systems using PowerPC technology and OS/400 Version 3 Release 6, you can install online books on the system by using the AS/400 CD-ROM drive. See “Installing Books on OS/400 Version 3 Release 6 or Later” on page 69 for the procedure to do this.

On Version 3 Release 1 systems, you can transfer online books from your CD-ROM to an AS/400 directory. You must do this if you want to view the books using InfoSeeker from a non-programmable workstation attached to an AS/400 System.

You can also use IBM softcopy collections from a CD-ROM or DVD drive on a workstation.

Notes:

1. OS/400 support of InfoSeeker exists through, but not beyond, Version 4 Release 3 of the base operating system.
2. Softcopy information for AS/400 systems is now provided through Information Center CD-ROMs (such as *AS/400 Information Center CD-ROM (V4)*, SK3T-2027) instead of through softcopy collections.

Installing and Using InfoSeeker on Your AS/400 System

For information on setting up an IBM softcopy collection and using InfoSeeker, see:

- *AS/400 InfoSeeker: Getting Started*, SC41-3001 (V3R2)
- *AS/400 InfoSeeker: Use*, SC41-3002 (V3R2)

Once the books are installed, you start InfoSeeker by entering

`strinfskr`

on the AS/400 command line.

Using Directories on the AS/400 System to Share Softcopy Collections

Client Access for OS/400 allows you to share the IBM books and bookshelves among several users who have programmable workstations. Each workstation can have the IBM Softcopy Reader installed or you can install the IBM Softcopy Reader in a shared AS/400 directory.

For more information on setting up and using these directories, see *AS/400 Client Access for Windows 95/NT Setup*, SC41-3512.

Using the SCRT to Install Books to an AS/400 System Directory

You can use the Softcopy Receiver Tool (SCRT) to transfer IBM softcopy collections from a CD-ROM or DVD on your personal computer to a directory on an AS/400 System. See Chapter 7, "Transferring Books To Your Workstation or Host with the Softcopy Receiver Tool" on page 49 for instructions on using the SCRT.

Final Shipment of SCRT in September 2001

The Softcopy Receiver Tool is no longer supported as of September 2001.

The SCRT is being shipped for the last time on the September and October 2001 softcopy collections. You should start using IBM SoftCopy Librarian instead.

Starting in December 2001, softcopy collections will not include the SCRT. Instead, only the IBM SoftCopy Librarian will be included.

Note the following considerations for AS/400 when running SCRT V1.3:

- The SCRT cannot install to a root drive on an AS/400 System.
- A drive must be assigned to the AS/400 System directory.

When using Client Access for AS/400, PC drive letters can be assigned to AS/400 directories (or folders). Normally, libraries on IBM softcopy collections are installed to the QBKBOOKS/BOOKS folder on the AS/400. Therefore, the PC drive letter should be assigned to QBKBOOKS. For example, if drive j is assigned to QBKBOOKS on AS/400, the destination path for installing the collection using SCRT would be j:\books.

Copying IBM Books to an AS/400 System Directory

The following examples assume D is the drive letter for the CD-ROM drive, \B00KS is the directory containing the books on the CD-ROM, I is the drive letter assigned to the AS/400 System, and \QBKB00KS\B00KS is the directory to contain the Client Access for OS/400 books on the AS/400 System.

Note: The QBKB00KS/B00KS directory is created when OS/400 is installed. It is the default directory for online books.

The examples also assume you are copying the Client Access for OS/400 bookshelf and books. The file names for most Client Access for OS/400 books and its bookshelf begin with the letters QBKAK (V3R1) or QBJAK (V3R6). If you want to

use different books or directories, substitute their names for the names used in the examples.

To copy IBM books and bookshelves from a CD-ROM to a Client Access for OS/400 folder, follow these instructions:

1 Switch to the drive letter assigned to the AS/400 System. Type:

```
i:
```

2 Copy the books you want in the folder from the CD-ROM with the COPY or XCOPY command. Type:

```
copy d:\books\qbkak*.boo i:\qbkbooks\books
copy d:\shelves\qbkak*.bks i:\qbkbooks\books
copy d:\books\qbkak*.bki i:\qbkbooks\books
```

You can also use the SCRT to install the books to the AS/400 System. Simply specify the path to the AS/400 directory as the target for the SCRT.

Users can now access the books and bookshelves by assigning the directory drive to their workstations and identifying that drive to the Softcopy Reader installation program if they are installing the IBM Softcopy Reader on their workstations.

Users of InfoSeeker can also access the books once they are installed in the directory. If the books are placed in a directory other than qbkbooks/books, you must define the directory to InfoSeeker. Use the Work with System Value (WRKSYSVAL) OS/400 control language command to specify the folder path in the QBOOKPATH system value. The paths specified for QBOOKPATH (up to five paths can be defined) must be of the form:

```
/QDLS/directory
```

to correctly access the collection in the directory. For example, the default value is:

```
/QDLS/QBKBOOKS/BOOKS
```

Installing Books on OS/400 Version 3 Release 6 or Later

To install books to an AS/400 System from the AS/400 CD-ROM drive, place the CD-ROM in the drive. Enter:

```
rstshf *shelf shelf(*list) dev(optical-device) vol(volume-name)
```

on the AS/400 command line. *optical-device* is the name assigned to your CD-ROM drive on the AS/400 System (normally opt01); *volume-name* is the internal identifier of the CD-ROM platter. To determine the volume name, use the Work with Optical Volume (WRKOPTVOL) OS/400 control language command.

A list of bookshelves is presented so you can select the ones you want to install. You can also choose whether you want the books installed to the AS/400 System (the bookshelves and bookshelf index files will be installed).

To access books directly from the CD-ROM, you must identify the CD-ROM volume to InfoSeeker. Use the Work with System Value (WRKSYSVAL) OS/400 control language command to specify the folder path in the QBOOKPATH system value.

To access books and bookshelves from the CD-ROM, you do not need to install anything to the AS/400 System. Simply use the WRKSYSVAL command to identify the BOOKS and SHELVES directories on the CD-ROM to InfoSeeker. The paths specified for QBOOKPATH (up to five paths can be defined) must be of the form:

/QOPT/volume-name/directory

to correctly access the CD-ROM. The QBOOKPATH system value can contain paths to directories (QDLS) and the CD-ROM (QOPT).

For complete descriptions of these procedures, look in any of these softcopy collections:

- *AS/400 Softcopy Library and Information Directory CD-ROMs (V3R6), SK2T-2839*
- *AS/400 Softcopy Library and Information Directory CD-ROMs (V3R7), SK2T-8290*
- *AS/400 Information Center CD-ROM (V4), SK3T-2027*

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Appendix A. Installing IBM Softcopy Collections on a LAN Server

You can put IBM Softcopy Reader and IBM softcopy collections on a LAN. You may want to put the collections of IBM books on a LAN because:

- You want to centralize control and support of the softcopy collections.
- You do not have CD-ROM or DVD drives for all your workstations.
- You do not have space on each workstation for Softcopy Reader and the books.

There are different ways to use the LAN server. You can:

- Put the CD-ROMs or DVDs containing the IBM softcopy collections on one or more of the LAN server's CD-ROM or DVD drives, and put Softcopy Reader on a LAN server hard disk.
- Put the CD-ROMs or DVDs on one or more of the LAN server's hard disks, and put Softcopy Reader on a LAN server hard disk.
- Put the CD-ROMs or DVDs on one or more of the LAN server's CD-ROM or DVD drives, and put Softcopy Reader on the hard disk in each workstation. Putting Softcopy Reader on each workstation's hard disk may also improve performance.

Planning for LAN Setup

To make IBM softcopy collections available to users on a LAN, you need to put the books, shelves, and indexes, and IBM Softcopy Reader out on the drives of the server and give users access to these drives. You can install the readers on each individual workstation, or on a drive on the server. You can also define the readers as public applications, so whenever a workstation is booted, icons for the readers appear.

Your LAN setup must have the following:

- User access to the books, shelves, and indexes.
- User access to the Softcopy Reader code.
- BookManager pointing to the directory containing the books.

Users should see this setup automatically when they logon to the LAN.

You may want to consider attaching at least one CD-ROM or DVD drive for each disc containing IBM books you want to use and additional drives for any other discs you plan to use. Additional CD-ROM or DVD drives minimize the swapping of discs at the server.

Appendix B. Setting Up a Walk-Up-and-Use Library Kiosk

You can set up a walk-up-and-use kiosk for your IBM softcopy collections. One kiosk can serve your department or one or more can serve your entire organization. You just need to place a terminal or workstation with access to the softcopy collections in a location that is convenient for the members of your organization to get to when they need information. If you are the administrator for your company's hardcopy library, you may already have a kiosk that you use for other kinds of library access. You may be able to add the IBM softcopy collections to the terminal or workstation that you are already using as a kiosk. To set up a kiosk, you can do the following:

- 1** Decide how the kiosk should be set up. You can do one of the following:
 - a.** Set up a Windows or AIX/6000 workstation and the IBM softcopy collections yourself in your department or library.
 - b.** Work with your LAN administrator to set up a Windows or AIX/6000 LAN-connected workstation that has access to a LAN server containing the IBM softcopy collections.
 - c.** Work with your z/OS, OS/390, z/VM, or VM system administrator to set up a host-connected terminal or workstation that has access to a z/OS, OS/390, z/VM, or VM host that contains IBM softcopy collections. You may need to help your administrator by uploading the contents of the softcopy collections to your host system.
- 2** Use the collections at your workstation or give them to the LAN administrator or your host system administrator. Do one of the following:
 - a.** Use the collections in one or more CD-ROM or DVD drives attached to your kiosk. You might want to put the drives in a secure place to prevent users from switching discs without your knowing it.
 - b.** Copy the books and IBM Softcopy Reader from the discs on a CD-ROM or DVD drive attached to your kiosk onto a large hard disk in the kiosk.
 - c.** If your kiosk does not have its own CD-ROM or DVD drive but is connected to a host, you can upload the books and the Softcopy Reader from the discs at a workstation that has a CD-ROM or DVD drive to your host and then download them to your kiosk.
 - d.** Upload the books from the discs at a workstation that has a CD-ROM or DVD drive to your z/OS, OS/390, z/VM, or VM host.
- 3** Provide instructions to your users so they can get access to the IBM softcopy collections.

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- 3** The customer rep will ask you if this is a new or an existing problem. Answer:
 - **New** if this is the first time you have called about this problem.
 - **Existing** if you have a problem management record (PMR) number already assigned to the problem.

Note: Make sure you have your PMR number available.
- 4** The customer rep will ask you what software application operating system you are using. Answer "My product ID is 5648-032-00 and the queue is SCKIT,118."
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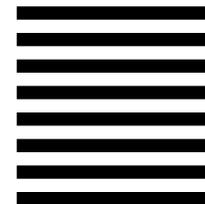
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