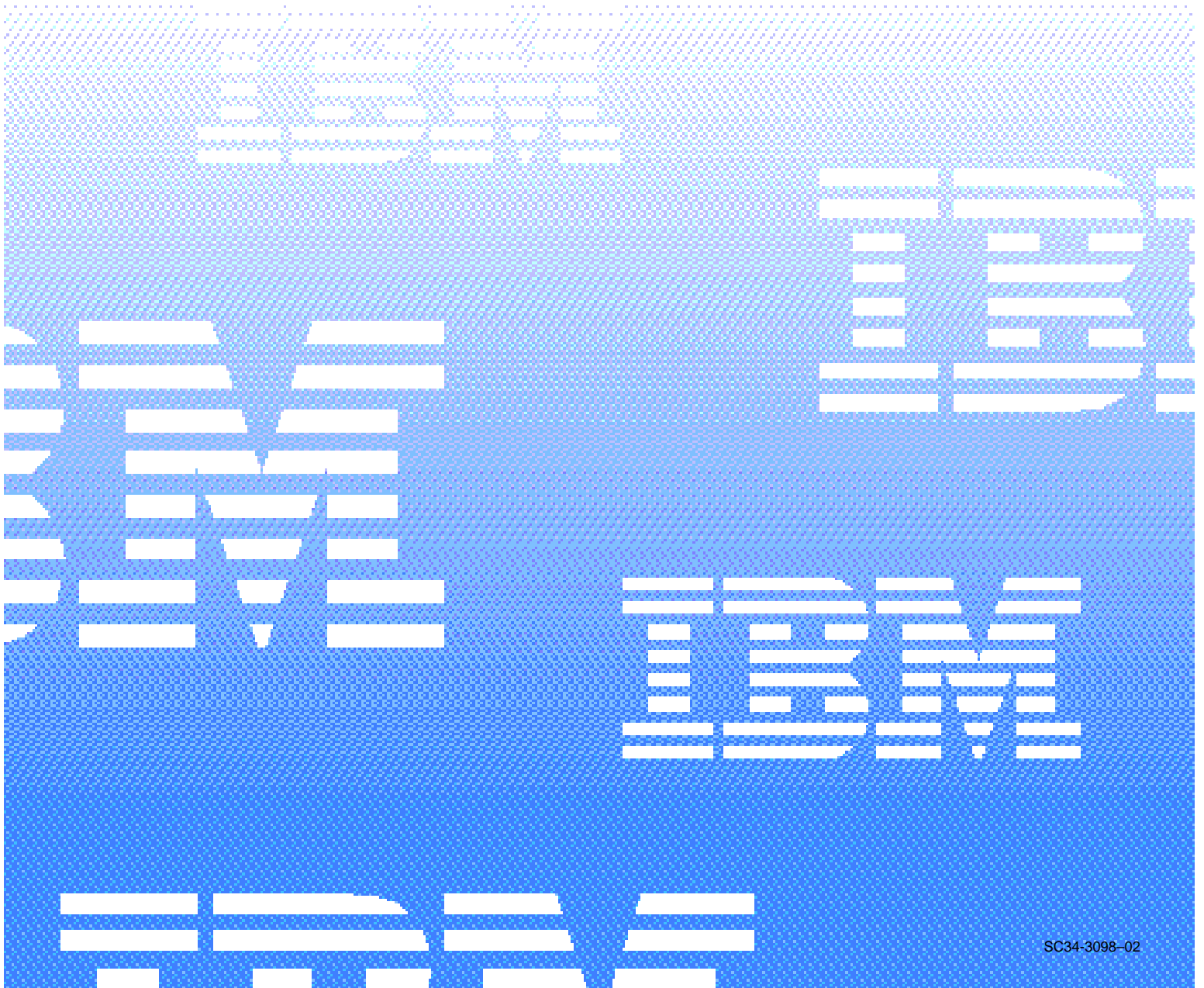




IBM BookManager Build for Windows: Getting Started Version 2 Release 3





IBM BookManager Build for Windows: Getting Started Version 2 Release 3

Third Edition (November 2001)

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Preface - About This Book

This book describes the IBM BookManager Build for Windows V2.3 licensed program and how to install and use it to build softcopy books.

What You Should Know Before Reading This Book

You should be familiar with terminology associated with your word-processing program. You should also be familiar with the Microsoft Windows platform your using (such as: Microsoft Windows NT, V4.0 or later, or Windows 95, 98, 2000, or ME) to perform tasks such as:

- Moving, sizing, and closing windows
- Entering information into entry fields
- Selecting icons, menu choices, radio buttons, push buttons, and check boxes
- Selecting items from lists

How This Book Is Organized

Table 1 shows where you can look in this book for information about getting started with Build for Windows:

Note: This book also contains a Glossary of terms

Table 1. Getting started information..

If you want to:	See:
Learn what BookManager Build for Windows is and what it does	Chapter 1, "Introduction to Build for Windows V2.3," on page 1
Install BookManager Build for Windows	Chapter 2, "Installing Build for Windows," on page 5
Start BookManager Build for Windows	Chapter 3, "Starting Build for Windows," on page 11
Read basic information about Build for Windows files	Chapter 4, "Working with Build for Windows Files," on page 13
Get detailed information on using Build for Windows	Chapter 5, "Using Build for Windows," on page 17
Call IBM Service	Chapter 6, "Build for Windows V2.3 Program Service," on page 37

Conventions Used in This Book

When new or unfamiliar terms are introduced, they appear in italics. A definition for the term follows in the text. Definitions for the italicized terms, as well as for abbreviations, appear in the glossary.

The following items appear in **bold** typeface:

- Titles, entry field names, and other text that Build for Windows displays
- Items that you are to type or select
- The names of keys on your keyboard

Terms Used in This Book

The following terms have specific meaning in this book:

BookManager Build

A set of IBM licensed programs that lets you create softcopy books. BookManager Build is available on the following platforms: MVS, VM, and Windows. In this book, the term BookManager Build refers to any BookManager Build program.

BookManager Readers

In this book, the term BookManager Readers refers to any BookManager READ programs.

- *IBM BookManager Read* for VM and MVS
- *IBM Softcopy Reader* for Windows and Linux
- *IBM BookServer* for z/OS, AIX, Linux, and Windows (allows you to read BookManager books on the Web)

IBM Softcopy Reader

IBM Softcopy Reader is a Java-based online documentation reader and organizer made up of two programs:

Book Reader

Book Reader allows you to open softcopy books created with one of the IBM BookManager Build programs. You can view and navigate through softcopy books, do searches within the book, create notes, copy text, print text selections, a section, or the entire book.

Bookshelf Organizer

Bookshelf Organizer allows you to manage your books and bookshelves in the following ways:

- Specify the location (paths) of all books and bookshelves located on your workstation, on a network, or an external storage device
- Organize your bookshelves by name, date, or description
- Organize your books by name, date, description, or document number
- Create your own bookshelves
- List bookshelves
- Delete bookshelves
- Import books into a bookshelf
- Search bookshelves or selected books
- Move books between bookshelves

Build Configuration File

The Build Configuration File is a file containing the build settings. This file has the extension `.bcf`. In Version 2.2, it was referred to as Notebook or Build Notebook.

Build Style Mapping File

The Build Style Mapping File is a file that contains the rules for mapping source document styles to book styles. This file has the extension .bsm. In Version 2.2, it was referred to as Rules or Rules Notebook.

Source document

An input file that can contain text, formatting codes, and artwork. A source document can be edited, printed, viewed, or used as input to a licensed publishing program such as BookManager Build. The source documents you can build using BookManager Build for Windows are described in 1.1 “Source Document Types You Can Use to Build Softcopy Books” on page 2.

Build

To create a softcopy book from a source document.

Where to Find More Information

More information about Build for Windows can be found in the following:

- *Online Help* - Read the online help to get specific information about Build for Windows functions and procedures.
- *IBM BookManager Build for Windows: Messages and Codes* - This softcopy book describes the messages and codes that appear when you build softcopy books.
- Sample source documents (called template files) are included with the Build for Windows product. They are intended to simplify the tasks of generating your own source documents and creating a style mapping file. For each template file, Build for Windows also provides a style mapping file. See 1.3.1 “Using Template Files to Help Create Source Documents” on page 3 for additional information on the templates.

Where to Find More Information about BookManager

On the World Wide Web, check out:

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

This page gives you everything you want to know about BookManager products, how to order them, how to obtain service, and what's new in the BookManager product family.

Chapter 1. Introduction to Build for Windows V2.3

The BookManager Build for Windows V2.3 licensed program is part of the IBM BookManager family of products. With Build for Windows, you can convert a formatted source document created with a word-processing program to a *softcopy book*. You view a softcopy book with IBM Softcopy Readers and IBM BookManager Readers. The types of source documents you can use with Build for Windows are listed in 1.1 "Source Document Types You Can Use to Build Softcopy Books" on page 2.

The following illustrates the relationship between your word processor documents, BookManager Build for Windows, and the IBM Softcopy Readers and BookManager Readers.

BookManager Build for Windows

Build for Windows lets you take a formatted document, created on a PC-workstation word processing program, and convert it into an electronic "softcopy" book.



IBM Softcopy Readers and IBM BookManager Readers

Allow you to use the softcopy book online:

- View and navigate a book
- Create and manage softcopy book shelves and libraries
- Search books, bookshelves, and libraries
- Print book topics
- Cut and paste book topics



This chapter describes the following topics:

- Source document types you can use to build softcopy books

- How softcopy books are similar to printed documents
- How you can view softcopy books
- Before you start using Build for Windows

1.1 Source Document Types You Can Use to Build Softcopy Books

With BookManager Build for Windows, you can build softcopy books from source documents prepared using any of the following products or file types:

- Adobe FrameMaker, Versions 4.0, 5.0, and 6.0.
- Corel WordPerfect for DOS, Versions 5.0, 5.1, and 6.0.
- Corel WordPerfect for Windows, Versions up to and including 9.0.
- Lotus Ami Pro for Windows, Version 3.0, Version 3.1 for Windows
- Lotus WordPro, Version 9.6 and earlier
- Microsoft Word for Windows, Version 6.0 (Word95), Version 7.0 (Word 97), and Word2000.
- Microsoft Word for DOS, Versions 5.0, 5.5, and 6.0.

1.2 How Softcopy Books Are Similar to Printed Documents

When you view a softcopy book, you may notice the following similarities with your printed document:

Topics

Both printed documents and softcopy books contain topics. A softcopy book does not contain pages, so topics are the basic BookManager information units. A topic consists of a heading and all the subsequent text up to the next heading or subheading. All references (such as index or table of contents entries) in a BookManager book refer to topics instead of pages.

Front matter

Printed documents and softcopy books usually contain front matter, such as a table of contents, list of figures, and list of tables. When Build for Windows creates these front-matter document elements, BookManager Read functions, such as hypertext links from the table of contents (described below) and the book-description function, become available.

Hypertext links

Printed documents contain references to page numbers and headings. In a softcopy book, hypertext links connect information. When you view a softcopy book with BookManager Readers, certain words and phrases are highlighted. You can go directly to another part of the book that contains information associated with the highlighted word or phrase by:

- Double-clicking on the highlighted word or phrase (READ/6000 or READ for Windows)
- Moving the cursor to the highlighted word or phrase and pressing **Enter**

For example, you can move from a table caption in the List of Tables directly to the table itself, or from an index entry directly to the index reference in the book.

Artwork

Many printed documents contain artwork. In a softcopy book, a graphics reference link, such as **PICTURE 3**, appears and is highlighted where your art-

work normally appears in a printed document. When you read the softcopy book, you can display the artwork by:

- Double-clicking on the graphics reference link. **Note:** You have the capability to display pictures integrated into the text with all of the workstation readers (IBM Softcopy Reader, all of the BookServers, and READ for Windows).
- Moving the cursor to the graphics reference link and pressing **Enter**

Back matter

Softcopy books, like printed documents, can contain back matter such as appendixes, a glossary, and an index. When Build for Windows creates an index, hypertext links between the index entries and index references become available.

1.3 How You Can View Softcopy Books

You can view softcopy books with any of the readers listed. When you read the softcopy book, you can search for information, make notes, and perform other tasks.

- IBM Softcopy Reader for Windows
- IBM Softcopy Reader for Linux
- BookManager READ/MVS Version 1.3
- BookManager READ/VM Version 1.3
- BookManager BookServer for the World Wide Web for AIX and Linux
- BookManager BookServer for the World Wide Web for Windows
- BookManager BookServer for the World Wide Web for z/OS

Note: On the AS/400 platform, you can use InfoSeeker, the AS/400 implementation of the BookManager Read product family, to access and view books. InfoSeeker is a part of the OS/400 licensed program, Version 3 Release 1 or later. If you have the IBM Softcopy Reader installed on your workstation, you can have Build for Windows access the Softcopy Reader automatically after building a softcopy book. See 5.2 “Build Options Window” on page 21 for information on how to start BookManager READ programs.

1.3.1 Using Template Files to Help Create Source Documents

Sample source documents (called template files) are included with the Build for Windows product. They are intended to simplify the tasks of generating your own source documents and creating the style mapping file. For each template file, Build for Windows also provides a style mapping file.

Which template to use

Table 1-1. Template Files.

Word processor	Use this template
Adobe FrameMaker	TEMPMKR.MIF
Corel WordPerfect 6 and earlier	TEMPWP6.DOC
Corel WordPerfect 7 and later	TEMPWPT.DOC
Lotus Ami Pro	TEMPAMI.SAM
Lotus WordPro	TEMPLWP.LWP

Table 1-1. Template Files.

Word processor	Use this template
Microsoft Word 95	TEMPMS6.DOC
Microsoft Word 97 and later	TEMPMSW.DOC

Using the template Build Configuration and Build Style Mapping files

The template files can be a good starting point for creating your own Build Configuration and Build Style Mapping files. To do this, open the desired template file, make the changes necessary to build your book, then save the Build Configuration or Build Style Mapping file as a new file. You will not be able to save changes directly to the template files.

Chapter 2. Installing Build for Windows

This chapter describes how to install Build for Windows. The following topics are described in this chapter:

- Requirements for installing Build for Windows
- Migration from BookManager Build for Windows Version 2.2 to Version 2.3
- Installing the Build for Windows program
- Using the Conversion Utility

2.1 Requirements for Installing Build for Windows

Before installing Build for Windows, check to see that the following hardware and software resources are available:

- Any system unit capable of running Microsoft Windows NT, V4.0 or later, or Windows 95, 98, 2000, or ME. A 266MHZ processor or higher is recommended.
- Display monitor
- Any pointing device
- One CD-ROM device
- 64MB of RAM in addition to that required by the operating system
- 40MB of hard-disk drive storage in addition to that required by the operating system
- A temporary file space of 5x the size of the word processor file you are currently building is needed

2.1.1 Software Requirements

- Microsoft Windows NT, V4.0 or later, or Windows 95, 98, 2000, or ME
- Sun Java 2 Runtime Environment 1.3.0 or later
- IBM Softcopy Reader for Windows 2.3.4 or later to view the online help, and view and verify the books you create with BookManager Build for Windows.
- A supported word processor file type

2.2 Migration from BookManager Build for Windows Version 2.2 to Version 2.3

BookManager Build for Windows Versions 2.2 and 2.3 cannot be installed on the same computer. If Build for Windows 2.2 is currently installed on your computer and you want to install Version 2.3, you have two options.

- **Manual installation** - you can manually uninstall Build for Windows Version 2.2, then install Build for Windows Version 2.3
- **Automatic installation** - install Build for Windows 2.3 and let it automatically uninstall Build for Windows Version 2.2

With either option, the Build for Windows 2.2 uninstall procedure is invoked to uninstall Version 2.2. This process will remove all Build for Windows Version 2.2 files and 'Sample' files that followed the original install path to, and including, the 'BIN' directory. As an exception, all customer files located within this path will NOT be removed. Any customer files located in the 'BOOK', 'NOTEBOOK', 'RULES', 'SOURCE', and 'WORK-

ING', directories will be preserved. If you have changed any of the original 'Sample' files then they must be preserved by renaming, copying, or moving to another path.

Upon the installation of Build for Windows 2.3, any Version 2.2 'Sample' Template Files, 'NOTEBOOK' and 'RULES' directories, that are found will be replaced with the new 2.3 'Sample' Template Files, thus creating new versions of these files. Not all of the original 2.2 files may be preserved, so if changes have been made to the original 2.2 Template Files they must be 'SAVED' elsewhere. In addition, BookManager Build for Windows 2.3 will convert any Template Files it finds within the install path from the 2.2 format to the new 2.3 format. The 2.2 file(s) will be converted creating new 2.3 files while preserving the original file.

The BookManager Build for Windows 2.2 install path may remain after uninstalling Version 2.2 because of the retention of customer data and/or other circumstances. If so, Build for Windows 2.3 will be installed using the original Version 2.2 install path. Otherwise, Version 2.3 will install in a new path structure.

2.3 Installing BUILD for Windows Program

1. Insert the BookManager Build for Windows CD in your CD-ROM drive.
2. On the Windows Task Bar, click on **Start->Run**
3. In the Run window, click on **Browse**
4. In the Browse window, navigate to the CD-ROM drive, then pick the Buildwp directory, followed by the directory of the desired language. For example, to install an English version of Build for Windows from a CD-ROM drive labeled g, select the following:
`g:\buildwp\enu\`
5. Select **Setup.exe**, and click on **Open**
6. Back in the Run window, click on **OK**
7. Follow the instructions on your screen.

2.4 Using the File Conversion Utility

Build for Windows V2.3 uses the XML standard to make its Build Configuration Notebook and Build Style Mapping Rules files more human and computer readable as well as to provide for better error checking. A conversion utility has been included as part of Build for Windows 2.3 to convert your Build for Windows 2.2 Notebooks and Rules files to the new format. The rest of this section describes how to use the Conversion Utility.

2.4.1 Converting V2.2 Files

To start the Conversion Utility, select File Conversion Utility from the IBM BookManager Build group on the Start Menu. The Conversion Utility window will appear as follows.

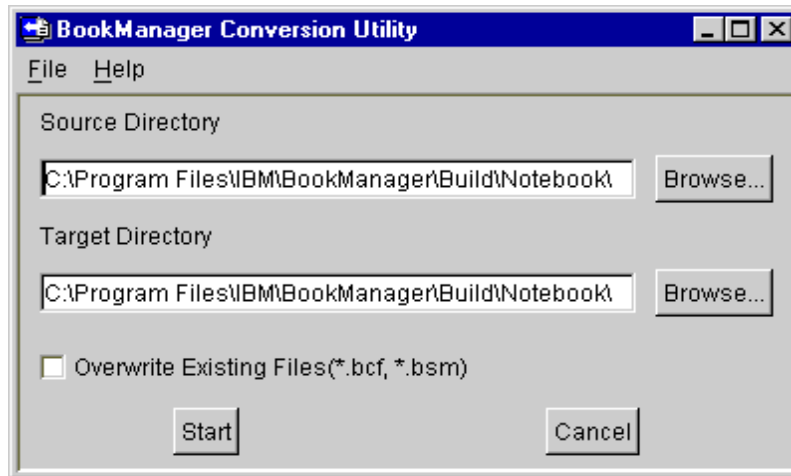


Figure 2-1. BookManager Conversion Utility Window

- **Source Directory** - This is the directory that will be searched for Version 2.2 files (Notebook .nbk and Rules .rul). Any such files found will be converted. The Browse Button can be used to select a directory from the File System. Note: The V2.2 files will not be automatically removed.
- **Target Directory** - This is the directory any converted files will be placed. This can be the same as the Source Directory. The Browse Button can be used to select a directory from the File System.
- **Overwrite Existing Files(*.bcf, *.bsm)** - Selecting this check box will cause the Conversion Utility to overwrite any .bcf or .bsm files with the same name as the ones being produced. If this check box is not selected, the files are still created but the file names will have the date and time added to them to provide uniqueness.
- **Start Button** - This will begin the Conversion Process. A progress Bar will open showing the conversion progress.
- **Cancel Button** - This will close the Conversion Utility window.

Note: There are two ways to convert a single V2.2 Notebook or Rules file.

1. The V2.2 file can be opened with Build for Windows V2.3 and saved as a V2.3 Build Configuration or Style Mapping file, see Chapter 5 Using Build for Windows.
2. The V2.2 file can be converted from the command line, see section 2.4.2 "Launching from a Command Line".

2.4.2 Launching from a Command Line

This section describes how to start and use the Conversion Utility from a DOS Command Prompt. The following features are available from the command line.

- Start the Conversion Utility
- Convert a single V2.2 Notebook or Rules file
- Convert all V2.2 Notebook and Rules files in a specified directory
- Display a summary of the command line features

To use any of the command line features first follow these steps.

1. Open a DOS Command Prompt.

2. Navigate to the Build for Windows install directory. If Build for Windows is installed in the default directory, type:

```
cd "Program Files\IBM\IBM Bookmanager Build\bin"
```

Note: The Conversion Utility does not remove any Version 2.2 Notebook or Rules files after successful conversion.

2.4.2.1 Start the Conversion Utility

This feature will launch the Conversion Utility's application exactly in the same way as selecting the File Conversion Utility Icon from the Start Menu.

Syntax:

To start the Conversion Utility from a command line, at the prompt type:

```
ezwcnvrt
```

2.4.2.2 Convert a Single V2.2 Notebook or Rules File

This feature will convert one V2.2 Notebook or Rules file to its corresponding V2.3 Build Configuration or Style Mapping file. The new V2.3 file will be in the same directory and have the same name, but will have a different file extension, .bcf or .bsm instead of .nbk or .rul respectively. If a V2.3 file exists with the same fully qualified name as the new V2.3 file, then the date and time will be added to the beginning of the new V2.3 file name. If the **-o** option is used and a V2.3 file exists with the same fully qualified name as the new V2.3 file, the old V2.3 file will be replaced by the new V2.3 file.

Syntax:

To convert a V2.2 Notebook file, at the DOS Prompt type:

```
ezwcnvrt -o -nbk filename
```

To convert a V2.2 Rules file, at the DOS Prompt type:

```
ezwcnvrt -o -rul filename
```

- Where **-o** is an optional parameter. If used, any old V2.3 Build Configuration or Style Mapping file with the same fully qualified name as the new V2.3 file, will be replaced by the new V2.3 file. Otherwise, the new V2.3 file will have the date and time added to its file name.
- Where **filename** is the fully qualified path name of the V2.2 file to be converted.

Examples:

- `ezwcnvrt -nbk "C:\Program Files\IBM\Bookmanager\Build\notebook\templwp.nbk"`
- `ezwcnvrt -rul "C:\Program Files\IBM\Bookmanager\Build\rules\templwp.rul"`
- `ezwcnvrt -o -nbk "C:\Program Files\IBM\Bookmanager\Build\notebook\templwp.nbk"`
- `ezwcnvrt -o -rul "C:\Program Files\IBM\Bookmanager\Build\rules\templwp.rul"`

2.4.2.3 Convert all Version 2.2 Notebook and Rules Files in a Specified Directory

This feature will convert any Version 2.2 Notebook or Rules files found in a specified directory. The new V2.3 files can all be placed in a different directory if desired. If a

Version 2.3 file exists with the same fully qualified name as the new V2.3 file, the date and time will be added to the beginning of the new V2.3 file name. If the **-o** option is used and a V2.3 file exists with the same fully qualified name as the new V2.3 file, the old V2.3 file will be replaced by the new V2.3 file.

Syntax:

To convert all V2.2 files in a specified directory, at the DOS Prompt type:

ezwcnvrt -o -s sourceDirectory -t destinationDirectory

- Where **-o** is an optional parameter. If used, any old V2.3 Build Configuration or Style Mapping file with the same fully qualified name as the new V2.3 file, will be replaced by the new V2.3 file. Otherwise, the new V2.3 file will have the date and time added to the beginning of its file name.
- Where **sourceDirectory** is the name of the directory containing V2.2 Notebook and Rules files.
- Where **destinationDirectory** is the destination directory of the new V2.3 Build Configuration and Style Mapping files. This can be the same as the **sourceDirectory**.

Examples:

- **ezwcnvrt -s "C:\Program Files\IBM\BookManager\Build\notebok\" -t "C:\Program Files\IBM\BookManager\Build\notebok\"**
- **ezwcnvrt -s "C:\Program Files\IBM\BookManager\Build\notebok\" -t "C:\My Build Configuration Files\"**
- **ezwcnvrt -o -s "C:\Program Files\IBM\BookManager\Build\notebok\" -t "C:\Program Files\IBM\BookManager\Build\notebok\"**
- **ezwcnvrt -o -s "C:\Program Files\IBM\BookManager\Build\notebok\" -t "C:\My Build Configuration Files\"**

2.4.2.4 Display a Summary of the Command Line Features

This feature will display a summary of the command line usage for the Conversion Utility.

Syntax:

ezwcnvrt -h

Example:

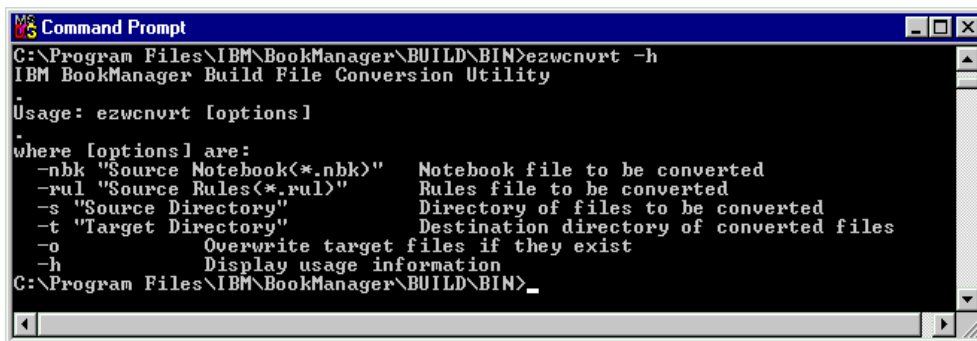


Figure 2-2. Command prompt Window

Chapter 3. Starting Build for Windows

This chapter describes how to start BookManager Build for Windows. You can start Build for Windows from either the Windows Start Menu or the DOS Command Prompt.

3.1 Starting from the Windows Start Menu

1. On the Windows Task Bar, click on **Start->Programs->IBM BookManager Build->Build 2.3**.
2. Select the **Build 2.3** icon. The first time you start Build for Windows, an untitled build configuration file is opened. After that, each time you start Build for Windows, the build configuration file that was active most recently is opened.

3.2 Starting from a Command Line

This section describes how to start and use Build for Windows from a DOS Command Prompt.

To start Build for Windows from a command line:

1. Open a **DOS Command Prompt**.
2. Navigate to the Build for Windows install directory. If Build for Windows is installed in the default directory, typically you would type:
cd "Program Files\IBM\IBM Bookmanager Build\bin"
3. Type **buildwp** to start Build for Windows.

See Advanced Command Line Features for a detailed description of all command line features including using Build for Windows in "Batch" mode.

Note: Build for Windows will open the last Build Configuration File used or will create a new Configuration File called Untitled.bcf if the last one can not be found.

3.3 Getting Started with BUILD for Windows V2.3

Starting the Build for Windows V2.3 program

After starting Build for Windows, you are ready to create Build Configuration Files and build soft copy books.

1. From Windows **Start**, select **Programs**.
2. Select **IBM BookManager Build**, then **Build 2.3**.
The **IBM BookManager Build** panel will be displayed
3. From the **File** drop-down menu, select **Open**.
The **Open** panel will be displayed.
4. From the **Look in** drop down menu, select a directory containing Build Configuration files (*.bcf). Select from the list of Build Configuration files the file you wish to open, and click **Open**.

Some demonstration bcf files have been installed in

[drive]:\Program Files\IBM\IBM BookManager Build\Notebook.

5. You can either accept the pre-selected **Source**, **Destination** and **Style Mapping files**, or change them by selecting the **Browse** buttons associated with the respective windows. (This will display another **Open** panel, allowing you to repeat step 4 to locate an appropriate **Source**, **Destination** (.boo), and **Style Mapping**(*bsm) files. Some demonstration files have been installed in:
 - [drive]:\Program Files\IBM\IBM BookManager Build\Source
 - [drive]:\Program Files\IBM\IBM BookManagerBuild\Rules
6. From the **Build** drop-down menu, select **Build**.
7. If you would like your built book to be immediately displayed, select the **Options** drop-down menu, then select **Build Options**. The **BookManager Build Options** panel will be displayed. Click on **Start SoftCopy Reader**, then **Apply**, and **OK**. Repeat step 6.

For more information about Build for Windows files, see Chapter 4, "Working with Build for Windows Files," on page 13.

For information about using Build for Windows functions or performing Build for Windows procedures, see Chapter 5, "Using Build for Windows," on page 17.

Chapter 4. Working with Build for Windows Files

This chapter describes the Build for Windows files and the information you can specify in them.

Build for Windows has two files which you can use to specify information for Build for Windows to use. These files are defined as follows:

Build Configuration File

A Build for Windows "build configuration file" identifies the:

- Source document you are building
- "Style mapping file" that Build for Windows should use
- Name of the softcopy book to be built
- Any additional document elements you want Build for Windows to include in the softcopy book

Build Style Mapping File

The Style Mapping File determines how Build for Windows maps style elements in a source document for display in a softcopy book.

4.1 Build Configuration File - for Specifying Document Information

A build configuration file contains the information necessary for Build for Windows to build a softcopy book. You can create as many build configuration files as you need. You use only one build configuration file when building a softcopy book. You can access the build configuration files using the **File** pull-down menu.

The following list describes the sections in a build configuration file and the information you can specify from them:

Sections of the build configuration file:

General -

Specifies the filenames of the:

- Source document
- Softcopy book to be created
- Style mapping file

Details - This section is divided into two sections that specify additional document elements you want Build for Windows to include in the softcopy book.

1. The first page specifies whether to include a table of contents, list of figures, and list of tables.
2. The second page specifies whether to include a title page with the title, author's name, and other information.

Options -

Specifies additional processing options, such as whether to include graphics.

Messages -

Contains messages Build for Windows issues for the most recently built softcopy book associated with a build configuration file.

Help for Build Configuration Files

If you want to read procedures for working with build configuration files, select one of the following items:

- Creating a build configuration file
- Opening a build configuration file
- Saving a build configuration file with a new name

4.2 Style Mapping File - for Defining Element Mapping

Before building softcopy books, you must define how you want Build for Windows to map certain document elements in your source document. These element mapping rules ensure that document elements which BookManager READ handles in a specific way are built correctly. For example, you can specify how you want Build for Windows to map certain text in your source document, such as a heading, caution, or figure caption. In the softcopy book, these document elements are either displayed in a specific way, or they have hypertext linking capabilities.

You must specify that you want Build for Windows to map an element based on a word-processing style used to format the element. The element map rules for a particular source document are defined in a "style mapping file".

You can access style mapping files from the **Style Mapping** pull-down menu. Although you can create as many style mapping files as you want, you can use only one of these style mapping files for each softcopy book you build.

For example, you might have several documents all produced from Microsoft Word, but each one uses a different set of styles. In this case, create separate style mapping files containing rules for recognizing document elements in each document. Specify the style mapping file and source document when building each softcopy book.

As another example, you might have several source documents that all use the same set of styles. In that case, you can create one style mapping file for all these source documents.

The following list describes the sections in a style mapping file and the information you can specify in them:

Sections of a style mapping file:

Headings - Defines how Build for Windows maps headings in the source document.

Examples - Defines how Build for Windows maps examples.

Captions - Defines how Build for Windows maps figure captions and table captions.

Alerts - Defines how Build for Windows maps dangers, warnings, cautions, and notes.

Lists - Defines how Build for Windows maps glossary lists and definition lists.

Links - Defines how Build for Windows maps application launch links and cross-book links.

Hidden Text - Defines how Build for Windows defines text or sections of the document not to be included in the softcopy books.

Help for Style Mapping files

If you want to read procedures for working with style mapping files, select one of the following items:

- Creating a style mapping file
- Opening a style mapping file
- Saving a style mapping file with a new name

Chapter 5. Using Build for Windows

This chapter describes all of the windows that will be displayed and components found in Build for Windows, and how to use them. The following sections will be described:

- Main Window
- Build Options Window
- Messages Window
- Build Progress Window
- Build List Window
- Style Mapping Window
- Advanced Command Line Features

5.1 Main Window

The main window, shown in Figure 5-1, will be the first thing you see when you start the Build for Windows Application. The title of the window will always be the name of the current Build Configuration Notebook you are working with. Build for Windows will always start with the last Notebook used or Untitled.bcf if the last Notebook cannot be found.

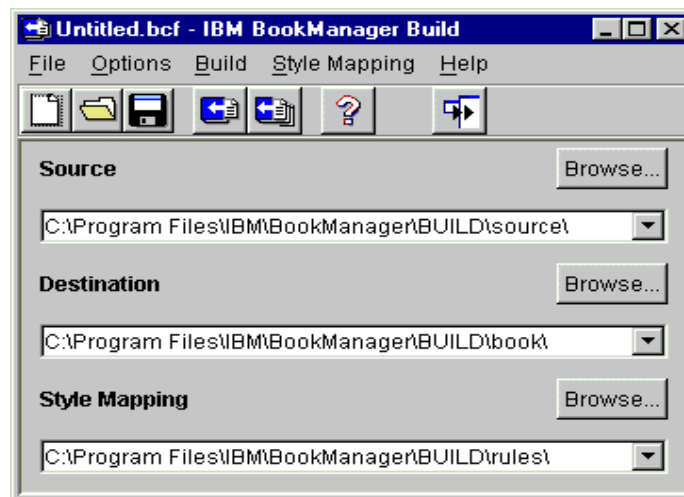


Figure 5-1. Main Window - with details hidden

Figure 5-2 on page 18 shows the main window with all its components, each of which will be described in the following sections.

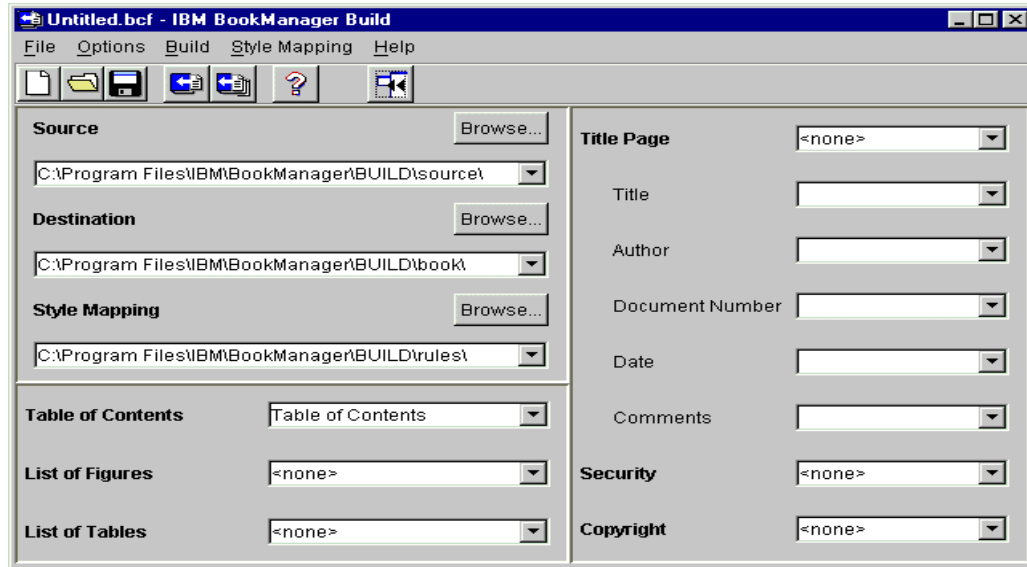


Figure 5-2. Main Window - with details shown

5.1.1 Menu Bar

The Menu Bar consists of five pull-down menus: File, Options, Build, Style Mapping and the Help Menu.

File Menu

- **New** – Creates a new Build Configuration file, named Untitled.bcf. If you try to save Untitled.bcf you will be prompted for a new name. If you have made any changes to the current Build Configuration file you will be prompted to save those changes when you select New.
- **Open (ctrl+O)*** – Opens an existing Build Configuration file. A window will be launched that allows you to select a Build Configuration file from the file system. This selection also prompts you to save any changes made to the current Build Configuration file.

Note: You can open a Build for Windows V2.2 Notebook (*.nbk) but you will have to save it as a V2.3 Build Configuration file (*.bcf).

- **Save (ctrl+S)** – Saves the current Build Configuration file.
- **Save As** – Allows you to save the current Build Configuration file to a new name or location. A window is launched that provides this ability.
- **Exit** – This will close the Build for Windows Application. If changes have been made to the current Build Configuration file, you will be prompted to save them.

Options Menu

- **Show Book Details (ctrl+E)** - This option is available when the book details are hidden, as shown in Figure 5-1 on page 17. Selecting this option will increase the size of the window and show the Book Details. These include Title Page, Table of Contents, Copyright and other information, as shown in Figure 5-2.
- **Hide Book Details (ctrl+E)** – This option is available when the book details are visible, as shown in Figure 5-2. Selecting this option will return the Main Window to its original state showing only the Source, Destination, and Style Mapping.
- **Build Options** – This option will open the Build Options Window.

- **View Messages** – This option will open the Messages Window. The messages from the last Build will be shown.
- **Clear History** – This Option will clear the history of the pull-down lists for the Main Window. All items except the currently selected item will be removed, except for the item <none> were appropriate. See 5.1.3 “Data Fields” on page 20 for more information on using the pull-down lists.

Build Menu

- **Build (ctrl+B)** – This option will start the Build Process. First the Build Configuration data fields will be validated, then the Build Progress Window will be shown to monitor messages and progress. See 5.4 “Build Progress Window” on page 23 for more information.
- **Build List (ctrl+L)** – This option will open the Build List Window which allows you to build multiple books at once.

Style Mapping Menu

- **New Style Mapping** – Open up the Style Mapping Window to a new Style Mapping file called Untitled.bsm.
- **Open [filename]** – Opens the Style Mapping Window to the file indicated in the Main Window’s Style Mapping field. If this file does not exist the behavior is the same as for New Style Mapping.
- **Open Other Style Mapping** – This option allows you to select a different Style Mapping file to open, and then opens the Style Mapping Window to this file.

Help Menu

- **Getting Started** - Opens up this book to the Table of Contents, using SoftCopy Reader for Windows.
- **Help (ctrl+H or F1)** – (Context-sensitive Help) This Option applies to the currently selected window and will open up this Book to the section related to the specific window.
- **About BookManager Build** – Information pertaining to the current version and service level, copyright notices, and links to appropriate Web sites.

5.1.2 Toolbar

The Toolbar provides shortcuts for many of the Menu Bar items.



New Build Configuration File - Shortcut for New Menu Item.



Open Build Configuration File – Shortcut for Open Menu Item.



Save Build Configuration File – Shortcut for Save Menu Item.



Start Build Process – Shortcut for Build Menu Item.



Open build List Window – Shortcut for Build List Menu Item.



Help – Shortcut for the Help Menu Item.



Show Book Details – Shortcut for Show Book Details Menu Item.



Hide Book Details – Shortcut for Hide Book Details Menu Item.

5.1.3 Data Fields

All of the data fields on the Main Window have a text field and a pull-down list. These two items are collectively called a Combo Box. You can edit the text in the text field as well as using Cut (ctrl-x), Copy (ctrl-c), and Paste (ctrl-v). The pull-down list maintains a history of the most recently used items. Some of the pull-down lists always have <none> as an option. In this case selecting <none> indicates that you don't want to include this item in your BookManager Book. The following is a description of each data field.

- **Source** – The source field indicates the word-processing document you wish to build into a BookManager Book.
- **Destination** – The destination field indicates the name and location of the BookManager Book you wish to build. Unless you modify the destination field, it will be automatically updated when you select a Source Document. The default behavior for this field also enforces an eight dot three naming convention to make your BookManager Book compatible with other systems. See 5.2 "Build Options Window" on page 21 for more information.
- **Style Mapping** – This field indicates which Style Mapping file you wish to use when building your BookManager Book. See 5.6 "Style Mapping Window" on page 27 for more information.

The following fields are visible only by selecting "Show Book Details" from the Options pull-down menu.

- **Table of Contents** – This field indicates what you wish to name the Table of Contents section of the Book you are building. If <none> is selected then no Table of Contents will be generated.
- **List of Figures** – This field indicates what you wish to name the List of Figures section of the Book you are building. If <none> is selected then no List of Figures will be generated.
- **List of Tables** – This field indicates what you wish to name the List of Tables section of the Book you are building. If <none> is selected then no List of Figures will be generated.
- **Title Page** – This field indicates what you wish to name the Title Page of the Book you are building. If <none> is selected then no Title Page will be generated. The following fields will be displayed under Title Page.
 - **Title** – This field is the title of the Source Document.
 - **Author** – This field specifies the Author of the Source Document.
 - **Document Number** – This is a unique identifier for this book. Illegal characters include: space, tab, new line, equal sign, forward slash, backward slash, pipe, colon, pound, less than, greater than, ampersand, double quotation, question mark, plus sign, period, and asterisk.
 - **Date** – This field is the last modified date of the source document.
 - **Comments** – User Comments, limited to 126 characters.
- **Security** – This field contains the Security Statement of the document. If <none> is selected then no security statements will be made.
- **Copyright** – This field contains the Copyright Statement of the document. If <none> is selected then no copyright will be specified.

Note: The BookManager Readers will display either the Copyright Statement, or the Security Statement. In the event the Book contains both a Security Statement and a Copyright Statement, only the Security Statement will be displayed.

5.2 Build Options Window

The following list describes the fields in the build options window and the information you can specify in them. These items, except for Softcopy Reader Systems Directory, are stored uniquely for each build configuration file.

Dictionary - Specify the dictionary to use.

Code Page - Specify which code page to use.

Build working directory - Specify the directory that Build uses for its temporary files.

Softcopy Reader System Directory - The system directory for the Softcopy Reader product. Softcopy Reader is needed to view Build for window's online help and to verify newly created Softcopy books. **Note:** This field is set automatically during installation and should only be changed if you have moved or re-installed Softcopy Reader to a new location. In this case, enter the new system directory or use the browse button to locate the new system directory. The Softcopy Reader system directory always ends with the directory path name component "\sys\". The default system directory is "C:\Program Files\IBM\SCR\sys\".

Start Softcopy Reader - If checked, starts Softcopy Reader so you can view the new book upon completion of build process.

Include Graphics - If checked, graphics are included in the book.

Continue with Missing References - If checked, continue the build process when missing references are found.

Use 8.3 Naming - If checked, enforces 8.3 naming for the destination book file. This is important if your book is to be viewed on many different platforms.

The Build Options Window can be accessed from the Options menu. Figure 5-3 on page 22 shows the Build Options Window. The build options apply individually to each book. They are stored in the Build Configuration file.

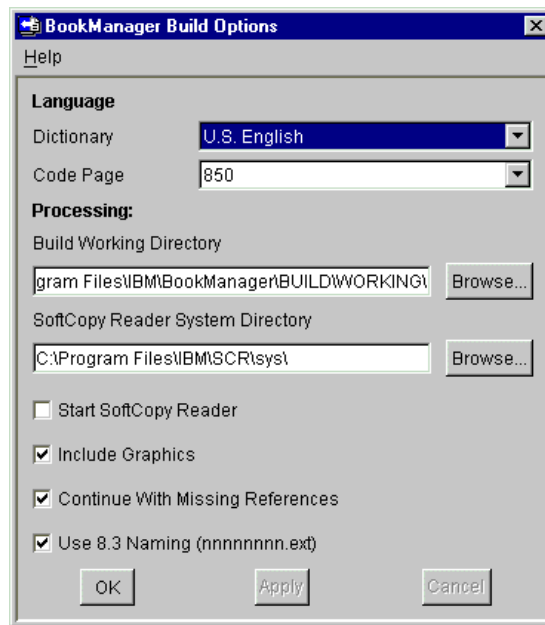


Figure 5-3. Build Options Window

5.3 Messages Window

The Messages Window, shown in Figure 5-4 on page 23, allows you to view the messages of the last Build for this Build Configuration.

Get specific information about each message by double clicking on the message. The *Build for Windows Messages and Codes* softcopy book will be opened and you will be taken directly to the message. You will see an explanation of the message, system action, and user response (what you should do).

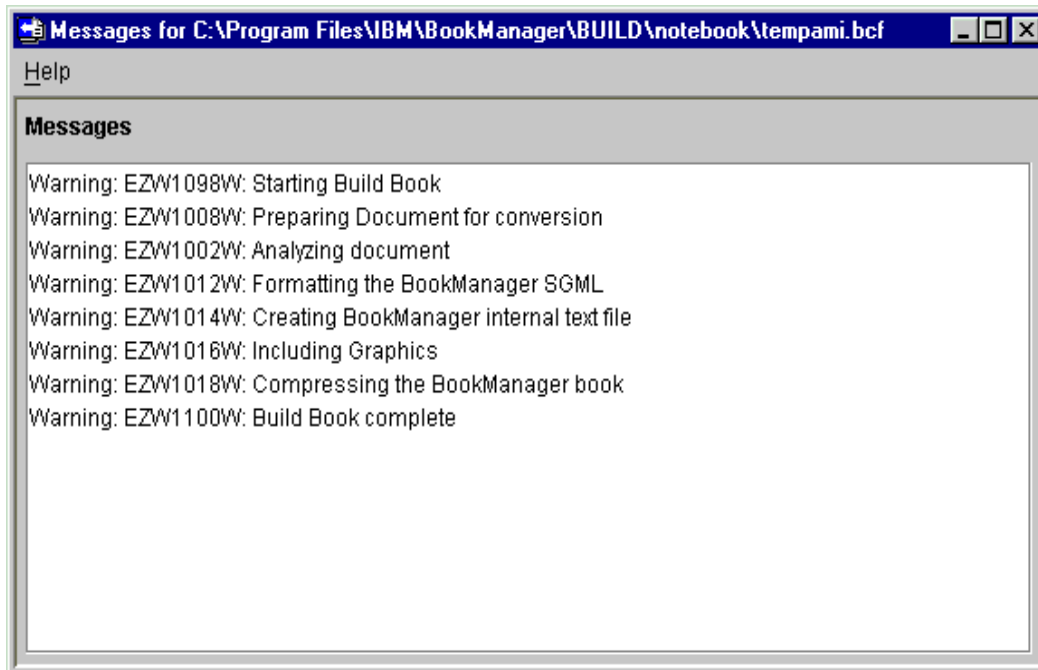


Figure 5-4. Messages Window

- **Title Bar** – The title bar will always show the current Build Configuration that you are working with.
- **Help Menu** – This Menu will open up this book to the section on the Messages Window.
- **Messages List** – The Messages List shows any messages received during the Build Process. There are three types of messages:
 - **Status** messages are designed to keep you informed of how the Build Process is progressing.
 - **Warning** messages indicate something is wrong and generally the Build Process will continue.
 - **Error** Messages indicate something is wrong and Build cannot continue processing.

For more information on a specific message, double click on that message and Softcopy Reader will display the message in the Messages and Codes book.

5.4 Build Progress Window

When building a Softcopy book, the Build Progress Window will be displayed, see Figure 5-5 on page 24. The Build Progress Window will display all the messages received in processing the source document and the overall progress. This section describes the features of the Build Progress Window.

- **Title Bar** - The title bar shows the approximate overall progress of the build process currently running and the Build Configuration file for the Softcopy book being built.
- **Help Menu** - The Help Menu contains one item, **Help** -- selecting it launches the Softcopy Reader which displays the "Build Progress Window" section of the Getting Started Book.

- **Message List** - The message list displays all the messages received while processing the source document. To find out more information about a specific message, double click on the message. Softcopy Reader will open the Build for Windows Messages and Codes book to the appropriate message. For each message, the Messages and Codes book contains an explanation of the message, system action, and appropriate user response (what you should do).
- **Progress Bar** - The progress bar shows the approximate overall progress of the build process currently running.
- **Cancel Button** - Pressing the **Cancel** Button at any time during the build process will cancel the build process currently running. If the build has been terminated by the user or has completed, the **Cancel** Button will change to an **OK** Button. Clicking the **OK** Button will close the Build Progress Window.

Note: The Build Progress Window can not be closed as long as a build is in progress.

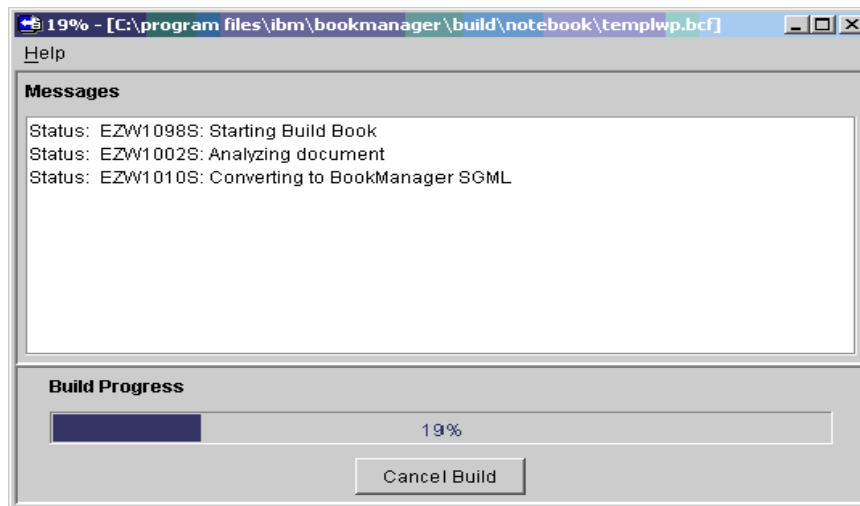


Figure 5-5. Build Progress Window

5.5 Build List Window

The Build List Window gives you the ability to build many BookManager Books at the same time. Figure 5-6 on page 25 shows a typical Build List Window. The rest of this section describes the features of the Build List Window.

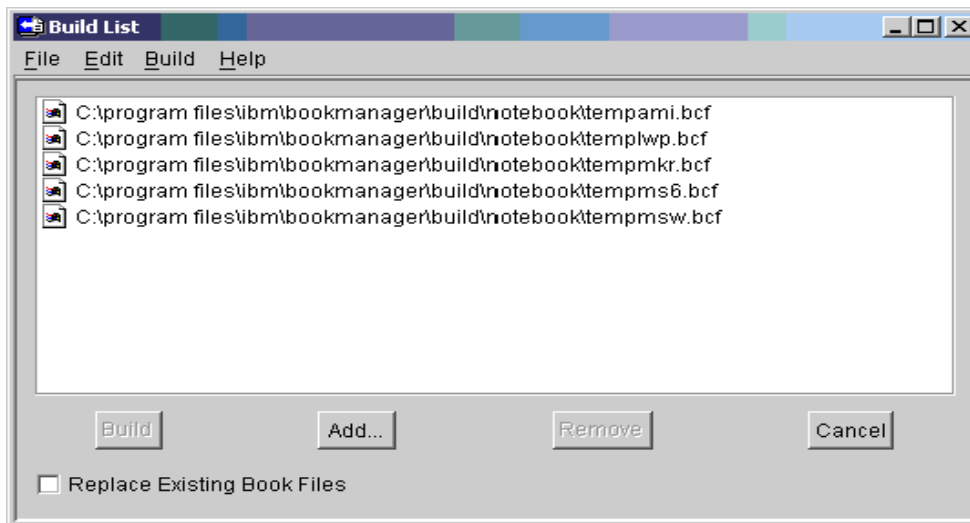


Figure 5-6. Build List Window

5.5.1 Menu Bar

File Menu

- **Close** – This item closes the Build List Window. If a Build is in Progress, the window cannot be closed, it can however be minimized and the progress will show on the Application Icon.

Edit menu

- **Add** – This menu item opens a browse window that allows you to select files to add to the file list.
- **Remove (delete)** – This menu item removes any selected files from the file list.
- **Select All** – This menu item selects all the files in the file list.

Build Menu

- **Build (ctrl+B)** – This menu item will build the selected files from the list of files. When a build list starts, a Build List Progress Window will be displayed, see Figure 5-7 on page 27

Help Menu

- **User's Guide (ctrl+H)** – This menu item will launch SoftCopy Reader, which will display the "Build List Window" section of the Getting Started book.

5.5.2 Build List

The Build List Window is a list of Build Configuration files (.bcf). These files are kept in alphabetical order for ease of use. Files can be added to this list in the following ways.

- **Add Menu Item** – Described above in the Edit Menu section.
- **Add Button** – Described below in the Build List Buttons Section.

The following file selection mechanisms are provided to select the books in the list to build.

- **Select All** – This menu item found under the Edit Menu selects all the files in the list.

- **Select One** - Using the mouse you can select any one of the files in the list.
- **Select Range** – By holding down the Shift key you can select a range of files from the list.
- **Select Specific** – By holding down the Ctrl key you can select any number of specific files in the list.

Drag and Drop – The Build List Window also supports drag and drop operations from Windows Explorer. You can Drag and Drop single files or directories of files. You can do this from Windows Explorer by clicking on the file or directory you wish to add. Then, while holding down the left mouse button, move the mouse over the Build List Window and release the left mouse button. Only files with the extension .bcf will be added.

5.5.3 Build List Buttons

- **Build Button** – This button is a shortcut for the Build Menu Item. It will start the Build process building any selected files from the Build List Window.
- **Add Button** – This button is a shortcut for the Add Menu Item. It will launch a browse window, which allows you to add files to the Build List Window.
- **Remove Button** – This button is a shortcut for the Remove Menu Item. This button will remove any selected files
- **Cancel Button** – This button will close the Build List Window, it will NOT cancel a Build that is in progress. There will be a Cancel Button on the Build List Progress Window that will terminate the Build process.

5.5.4 Replace Existing Book Files - Check Box

If the **Replace Existing Book Files** check box is selected, then any current Book file with the same name and location as the Destination Field in the Build Configuration will be replaced with the newly created Book. If this check box is not selected and the above situation occurs, the new Book will not be built and an error message will be displayed that the Book already exists.

5.5.5 Build List Progress Window

When the Build Process begins, the Build List Progress Window will be displayed, as shown in Figure 5-7 on page 27. You can view the messages for the Build in progress, and have the ability to cancel the Build at any time. This window acts in the same way as the Build Progress Window with the following exceptions.

- The Build List Progress Window cannot itself be minimized. To minimize it, minimize the Build List Window and both Windows will be minimized. Both windows will also be displayed again if you restore the Build List Window.
- Some of the messages displayed do not have corresponding message numbers and therefore will not have entries in the Messages and Codes book. These messages are either status messages or error messages generated when validating the data in the Build Configuration file. These messages should be very explicit and understandable.
- The label above the progress bar states which Build Configuration file is being used to build the softcopy book. This label also indicates the number of this Build Configuration and the total number of Build Configuration files being built.

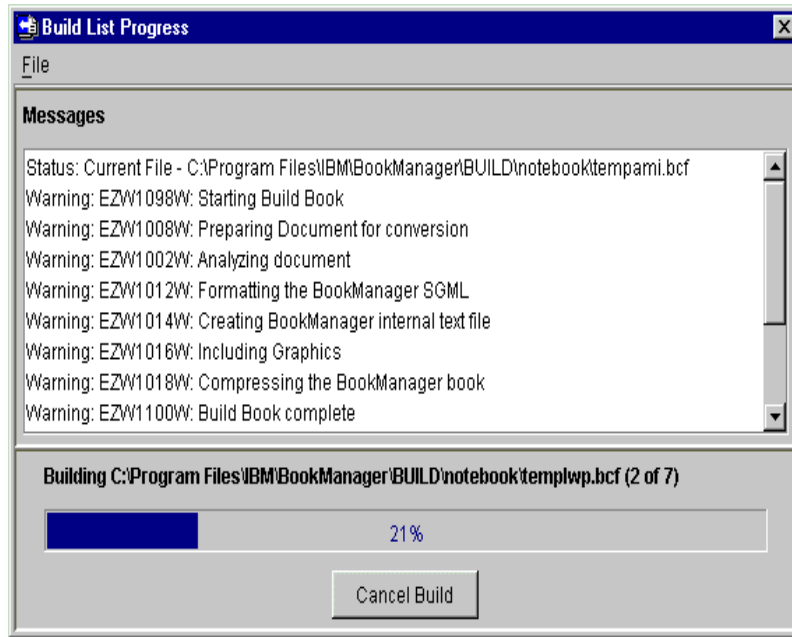


Figure 5-7. Build List Progress Window

5.6 Style Mapping Window

The Style Mapping window defines the Source Style to Book Style mapping. To be more specific, Build allows you to map certain styles in your Source Document to styles that are supported by BookManager Books. A typical Style Mapping Window is shown in Figure 5-8. The remainder of this section will describe how to use the Style Mapping Window.

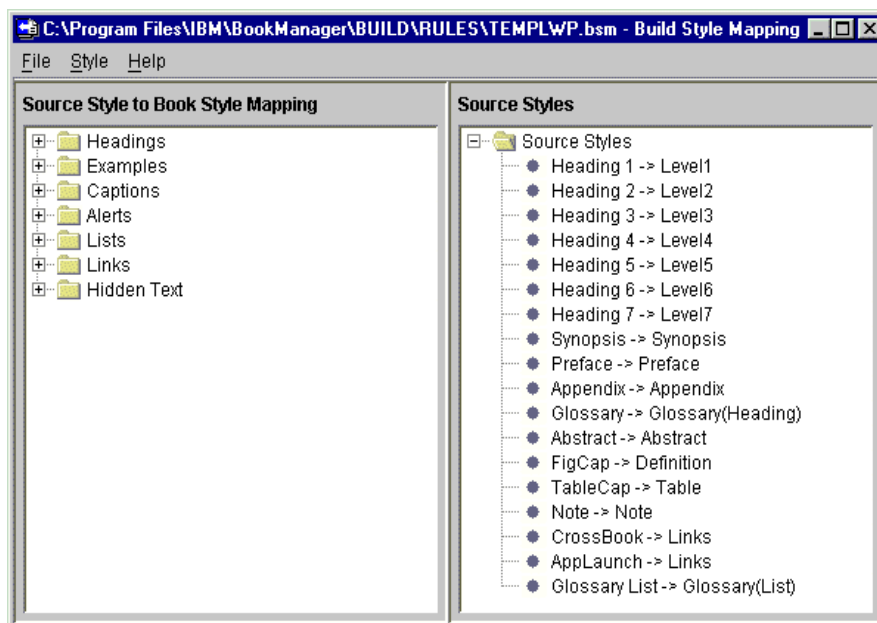


Figure 5-8. Style Mapping Window

5.6.1 Title Bar

The title for the Style Mapping Window indicates the current Build Style Mapping file or Untitled.bsm (if a file name has not yet been specified).

5.6.2 Menu Bar

File Menu

- **New** - Creates a new Style Mapping file named Untitled.bsm. You will have to specify a name to save this file.
- **Open** (ctrl+O) – This menu item opens a Browse Window, which allows you to open a specific Style Mapping file.
Note: You can open a Build for Windows V2.2 Rules Notebook (.rul) but you will have to save it as V2.3 Build Style Mapping file (.bsm).
- **Save** (ctrl+S) – This item will save the current Style Mapping file.
- **Save As** – This item will save the current Style Mapping file to a file name and location of your choice.
- **Close** – This item will close the Rules Window. If any changes have been made to the current Style Mapping file you will be prompted to save those changes.

Style Menu

Book Style Menu

- **View Book Style** – This menu item will display the style attributes of the currently selected Book Style. If no Book Style is selected then this item is disabled. Double clicking on the Book Style has the same effect as selecting this menu item.

Source Style Menu

- **New Source Style** (ctrl+N) – This menu item will open the New Source Style Dialog, which allows you to specify a new Source Style for mapping. Double clicking on the Folder item Source has the same effect as selecting this item. The new style is added to the Source Style Tree.
- **Edit Source Style** (ctrl+E) – This menu item will open the Edit Source Style Dialog showing the style information of the currently selected Source Style. Double clicking on a Source Style in the Source Style Tree has the same effect as selecting this item.

Help menu

- **Help** (ctrl+H) – This menu item will launch Softcopy Reader and display the "Style Mapping Window" section of the Getting Started book.

5.6.3 Book Style Tree

The Book Style Tree is a graphical representation of all the styles supported by Book-Manager Books. The styles are grouped by category. To view the styles in a category click on the + sign next to the Folder representing that category and the Folder will expand showing the styles. The Examples and Links folders are Book Styles, not categories for Book Styles. The styles are:

Category: Headings

- Level 1
- Level 2
- Level 3

- Level 4
- Level 5
- Level 6
- Level 7
- Synopsis
- Preface
- Appendix
- Glossary
- Abstract

Category: Captions

- Tables
- Figures

Category: Alerts

- Danger
- Warning
- Caution
- Note

Category: Lists

- Definition
- Glossary (LIST)

No Category

- Examples
- Links
- Hidden Text

See 5.6.5 “Mapping Styles” on page 30 for more information on using the Book Style Tree.

5.6.4 Source Style Tree

The Source Style Tree maintains a graphical representation of styles used in your word-processing document. You create the styles, which must be exact copies of the style name used in the source document. Once you create a style, it will be retained for later use. Style names must be mapped to Book styles on a one-to-one basis. Build will monitor this and inform you if there are conflicts.

Creating/Editing/Removing styles

- To create a style, select the Style>Source Style > New Style from the menu bar or double click on the Source Folder in the Source Style Tree.
- To edit a current style, select the style then select Style > Source Style > Edit Style from the menu bar or double click on the Style.
- To remove a style from the Source Style Tree, select the style then press the Delete key. You will be asked to confirm that you wish to delete the style.

5.6.5 Mapping Styles

To map a Source Style to a Book Style, simply drag-and-drop the Source Style from the Source Style Tree to the Book Style in the Book Style Tree. The mapped Style will show up in the Book Style Tree as a Bullet with the Style Name. The Source Style Tree will show the Source Style with an arrow and the Book Style it is mapped to, see Figure 5-9.

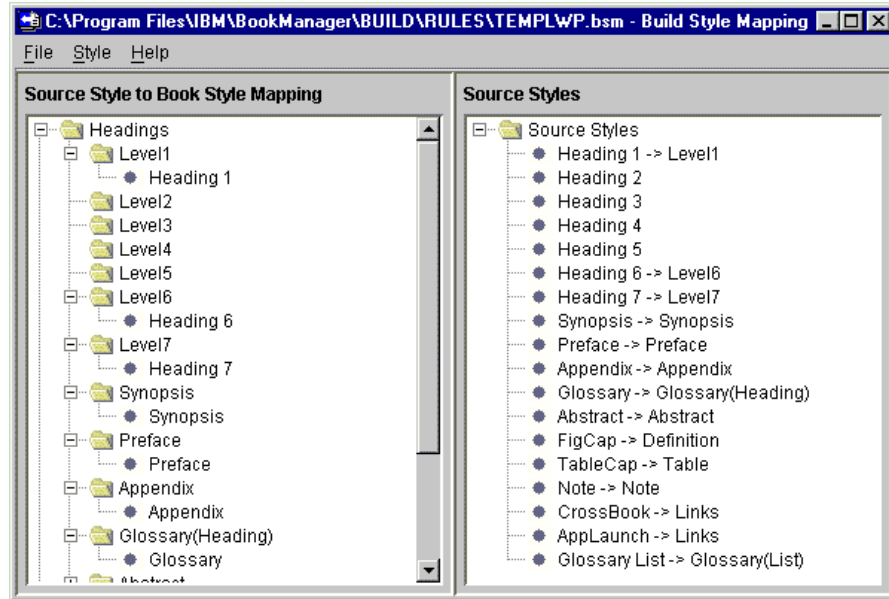


Figure 5-9. Source Style Tree

To map this Source Style to a different Book Style drag-and-drop either the mapped Source Style (Bullet) or the original Source Style to the new Book Style. The Bullet will be removed from the old Book Style and placed under the new Book Style and the original Source Style will indicate the new mapping with an arrow and the new Book Style, see Figure 5-10 on page 31.

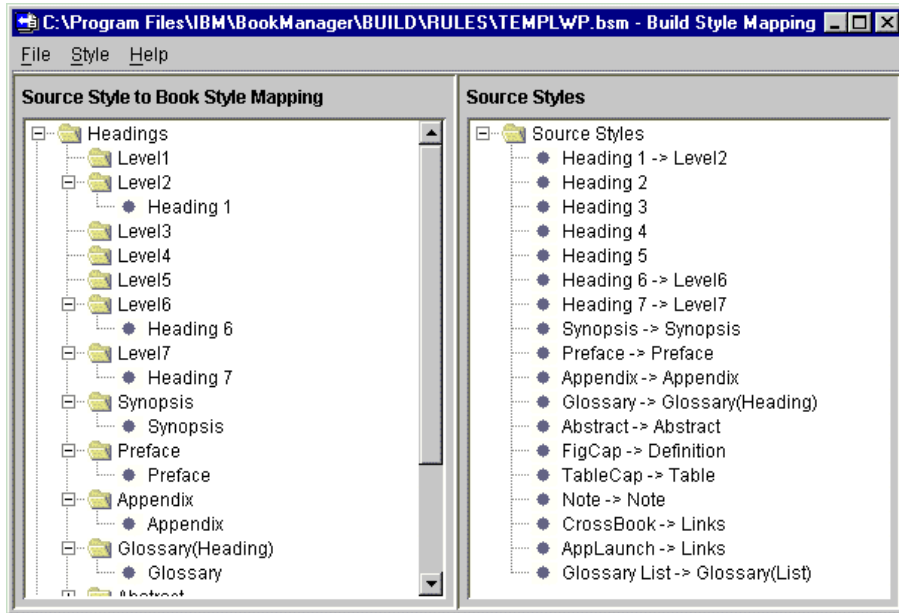


Figure 5-10. Book Style

Each Source Style can **only** be mapped to one Book Style. Each Book Style however can have several Source Styles mapped to it, see Figure 5-11. To remove a mapped Source Style from the Book Style Tree select the mapped Source Style and press the Delete key. This will remove the Source Style from the Book Style Tree only, to remove the Source Style completely from the Rules Window select the Source Style in the Source Style Tree and press the Delete Key.

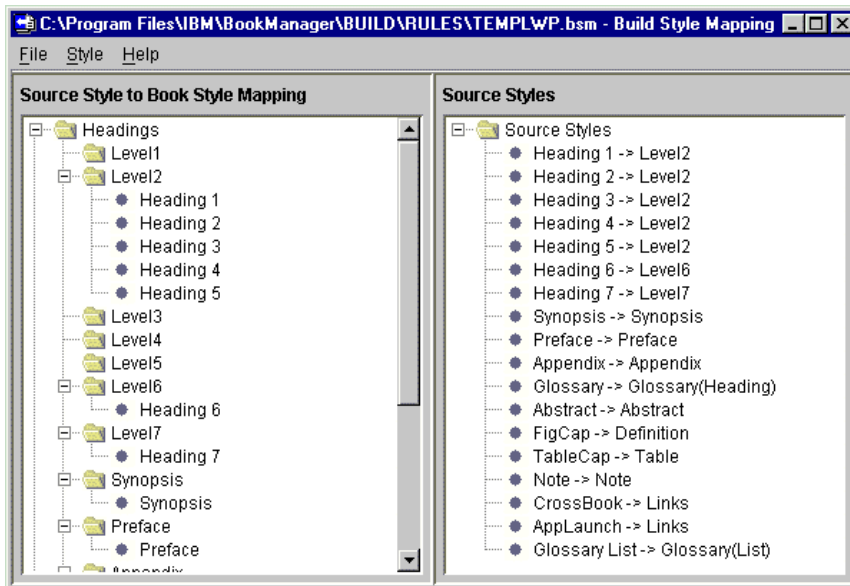


Figure 5-11. Book Style - with several Source Styles

5.7 Advanced Command Line Features

There are several advanced features for using Build for Windows from the command line. The following features increase the flexibility and power of Build for Windows:

- Start Build for Windows - opening a specific Build Configuration File.
- Start Build for Windows - opening a specific Build Configuration File and building the specified Softcopy book.
- Start Build for Windows - opening up the Build List Window to a number of Build Configuration Files and building the specified Softcopy books.
- Build a Softcopy book specified in a Build Configuration File - without starting the Build for Windows User Interface.
- Build a number of Softcopy books specified in a number of Build Configuration Files - without starting the Build for Windows User Interface.
- Display a summary of Command Line Features.

Note: When using any of the Build for Windows command line features first open a DOS Command Prompt and navigate to the Build for Windows installation directory as follows:

1. Open a DOS Command Prompt.
2. Navigate to the Build for Windows install directory. If Build for Windows is installed in the default directory, type:

```
cd "Program Files\IBM\IBM Bookmanager Build\bin"
```

5.7.1 Start Build for Windows - Opening a Specific Build Configuration File

With this option, the Build for Windows interface is opened up to the specified Build Configuration File.

Syntax:

To start Build for Windows to a specific Build Configuration File, at the DOS Prompt type:

buildwp filename - where **filename** is the fully qualified name of a Build Configuration File including the extension in quotation marks.

Example:

```
buildwp "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf"
```

5.7.2 Start Build for Windows - Opening a Specific Build Configuration File and Building the Specified Softcopy Book

With this option, the Build for Windows interface is opened to the specified Build Configuration File and the Build Process is started for the Build Configuration File. As part of the Build Process the data in the Build Configuration File is validated and any errors will be reported through pop up messages. If there are no errors in the Build Configuration File, then the Build Progress Window is displayed where status and errors in processing the Source document will be displayed.

Syntax:

To start Build for Windows opening a specific Build Configuration File and building the specified Softcopy book, at the DOS Prompt type:

buildwp -b filename - where **filename** is the fully qualified name of a Build Configuration File including the extension in quotation marks.

Example:

```
buildwp -b "C:\Program Files\IBM\IBM BookManager Build\notebook\templwp.bcf"
```

5.7.3 Start Build for Windows - Opening up the Build List Window to a Number of Build Configuration Files and Building the Specified Softcopy Books

This option will start Build for Windows, open up the Build List Window and populate the list of files with any Build Configuration Files specified on the command line and/or with any Build Configuration Files in the directories specified on the command line. All the Build Configuration Files in the list of files are then selected and the Build List Process is started. The Build List Process will start the Build Process on each Build Configuration File one at a time in alphabetical order building a Softcopy book for each Build Configuration File. The Build List Progress Window will be displayed which will provide progress information, status, warning, and error messages.

Syntax:

To Start Build for Windows opening up the Build List Window to a number of Build Configuration Files and building the specified Softcopy books, at the DOS Prompt type:

buildwp -o -bl filename(s) and or directoryName(s)

- Where **-o** is an optional parameter. If you used any Softcopy books with the same name as the one being built, it will be replaced with the new Softcopy book, otherwise an error message will be displayed and the Softcopy book will not be built.
- Where **filename(s) and or directoryName(s)** is a space separated list of Build Configuration Files and/or directories containing Build Configuration Files, each contained in quotation marks.

Examples:

- **buildwp -bl "C:\Program Files\IBM\IBM Bookmanager Build\notebook\"**
- **buildwp -bl "C:\Configuration Files\myfile.bcf" "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf"**
- **buildwp -bl "C:\Configuration Files\myfile.bcf" "C:\Program Files\IBM\IBM Bookmanager Build\notebook\"**
- **buildwp -o -bl "C:\Program Files\IBM\IBM Bookmanager Build\notebook\"**
- **buildwp -o -bl "C:\Configuration Files\myfile.bcf" "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf"**
- **buildwp -o -bl "C:\Configuration Files\myfile.bcf" "C:\Program Files\IBM\IBM Bookmanager Build\notebook\"**

5.7.4 Build a Softcopy Book Specified in a Build Configuration File - Without Starting the Build for Windows User Interface

This feature will Build the Softcopy book specified by the Build Configuration File included on the command line. The Build for Windows user interface will **not** be started. Any error messages will be sent to standard output, generally the DOS Command Prompt that the Build was initiated from. This option can be very useful for performing Builds in a "Batch" mode. That is, many such commands could be included in one .bat file which could be automatically run at some convenient time. The messages can also be captured into a file as in the second example below. In this case all

messages reported by Build for Windows will get appended to the file **messages.txt** instead of being displayed on the monitor.

Syntax:

To Build a Softcopy book specified in a Build Configuration File without starting the User Interface, at the DOS Prompt type:

buildwp -o -bs filename

- Where **-o** is an optional parameter. If you used any Softcopy books with the same name as the one being built, it will be replaced with the new Softcopy book, otherwise an error message will be displayed and the Softcopy book will not be built.
- Where **filename** is the fully qualified name of a Build Configuration File including the extension in quotation marks.

Examples:

- **buildwp -bs "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf"**
- **buildwp -bs "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf" > messages.txt**
- **buildwp -o -bs "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf"**
- **buildwp -o -bs "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf" > messages.txt**

5.7.5 Build a Number of Softcopy Books Specified in a Number of Build Configuration Files - Without Starting the Build for Windows User Interface

This feature will Build several Softcopy books which are specified in an equal number of Build Configuration Files. The Build for Windows interface will **not** be started. Any error messages will be sent to standard output, generally the DOS Command Prompt that the Build was initiated from. This option can be very useful for performing multiple Builds, especially if the Build Configuration files are maintained in a common directory or directories. The messages can also be captured into a files as in the second example below. In this case all messages reported by Build for Windows will get appended to the file **messages.txt** instead of being displayed on the monitor.

Syntax:

To Build a number of Softcopy books specified in an equal number of Build Configuration Files without starting the Build for Windows User Interface, at the DOS Prompt type:

buildwp -o -bls filename(s) and or directoryName(s)

- Where **-o** is an optional parameter. If you used any Softcopy books with the same name as the one being built, it will be replaced with the new Softcopy book, otherwise an error message will be displayed and the Softcopy book will not be built.
- Where **filename(s) and or directoryName(s)** is a space separated list of Build Configuration Files and/or directories containing Build Configuration Files, each contained in quotation marks.

Examples:

- **buildwp -bls "C:\Program Files\IBM\IBM Bookmanager Build\notebook\"**

- `buildwp -bls "C:\Configuration Files\myfile.bcf" "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf"`
- `buildwp -bls "C:\Configuration Files\myfile.bcf" "C:\Program Files\IBM\IBM Bookmanager Build\notebook\"`
- `buildwp -o -bls "C:\Program Files\IBM\IBM Bookmanager Build\notebook\"`
- `buildwp -o -bls "C:\Configuration Files\myfile.bcf" "C:\Program Files\IBM\IBM Bookmanager Build\notebook\templwp.bcf"`
- `buildwp -o -bls "C:\Configuration Files\myfile.bcf" "C:\Program Files\IBM\IBM Bookmanager Build\notebook\"`

5.7.6 Display a Summary of Command Line Features

This option will display a summary of the Command Line Features to standard out, typically the computer console.

Syntax:

To display a Summary of the command line features for Build for Windows, at the DOS Prompt type:

`buildwp -h`

Example:

```

C:\>cd "program files\ibm\ibm bookmanager build\bin"
C:\Program Files\IBM\IBM BookManager Build\Bin>buildwp -h
Usage:
  buildwp [-options]
  or buildwp <notebook>
  or buildwp
Where [-options] include:
  -h           Displays usage information
  -b <notebook> Build the given file
  -bs <notebook> Build the given file,
                 suppressing the interface
  -bl <notebooks...> Build the given list of files
  -bls <notebooks...> Build the given list of files,
                     suppressing the interface
  -o           Overwrite existing book files(<.boo>)
Where <notebook> is:
  Valid Build Configuration Notebook File(*.bcf)
Where <notebooks...> is:
  Space separated list of valid Build
  Configuration Notebook Files(*.bcf) and/or
  Directories containing valid
  Build Configuration Notebook Files(*.bcf)
Examples:
  buildwp "C:\My Files\notebook.bcf"
  buildwp -b "C:\My Files\notebook.bcf"
  buildwp -bl "C:\My Files\notebook.bcf" "C:\notebooks"
C:\Program Files\IBM\IBM BookManager Build\Bin>

```

Figure 5-12. Summary of the Command Line Features

Chapter 6. Build for Windows V2.3 Program Service

This chapter contains a description of available service for Build for Windows V2.3. It contains information on how long Build for Windows V2.3 will be in service, and how to report defects.

Product information is also available on the IBM BookManager Web site:

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

This Web site contains information on product fixes, product hints and tips, and free tools.

6.1 Type and Duration of Program Service

Program Service for Build for Windows V2.3 will be available until November 15, 2003. See 6.2 "Statement of Service" for details.

6.2 Statement of Service

You may report defects to IBM Program Service for Build for Windows V2.3 until the Service Expiration Date, November 15, 2003.

A defect is defined as a code-related or documentation-related problem where the Program does not conform to the Program Specifications and the problem can be recreated in the Specified Operating Environment. Defect correction is as described in the Statement of Limited Warranty section.

To formally report a defect, please call:

1. In the United States 1-800-237-5511
2. In Canada 1-800-992-4777

If you need to call for support, have the following information available:

- The product name, service level and version number which is available from "About BookManager Build" in the Help pull-down menu as described in 5.1.1 "Menu Bar" on page 18.
- The kind of hardware and software being used at the time the problem occurred
- What happened and what you were doing when the problem occurred
- Whether you tried to solve the problem, and how
- The exact wording of any messages displayed, including any message number.

Glossary

This glossary defines all new terms and abbreviations used in this document. Definitions that were derived from the following sources are identified by the symbols indicated:

- The *American National Standard Dictionary for Information Systems*, ANSI X3.172-1990, copyright 1990 by the American National Standards Institute (ANSI). Copies can be purchased from the American National Standards Institute, 1430 Broadway, New York, New York 10018. Definitions are identified by the symbol (A) after the definition.
- The *Information Technology Vocabulary*, developed by Subcommittee 1, Joint Technical Committee 1, of the International Organization for Standardization and the International Electrotechnical Commission (ISO/IEC JTC1/SC1). Definitions of published parts of this vocabulary are identified by the symbol (I) after the definition; definitions taken from draft international standards, committee drafts, and working papers being developed by ISO/IEC JTC1/SC1 are identified by the symbol (T) after the definition, indicating that final agreement has not yet been reached among the participating National Bodies of SC1.

References

The following cross-references are used in this glossary:

- *Contrast with* - refers to a term that has an opposite or different meaning.
- *See* - refers to multiple-word terms that have the same last word.
- *See also* - refers to related terms that have a similar, but not synonymous, meaning.
- *Synonym for* - indicates that the term has the same meaning as another term, which is defined.

A

artwork. A visual representation of a vector graphic or a raster image on a display screen.

American National Standard Code for Information Interchange (ASCII). The standard code, using a coded character set consisting of 7-bit coded characters (8 bits including parity check), that is used for information interchange among data processing systems, data communication systems, and associated equipment. The ASCII set consists of control characters and graphic characters. (A)

author. The person who wrote or prepared the information in a softcopy document.

B

book. A publication or other written material. *See also* softcopy book.

BookManager Build. A group of IBM licensed programs that lets you create softcopy books. BookManager Build is available for Windows, MVS, and VM.

BookManager Read. A group of IBM licensed programs that let you read softcopy books. BookManager Readers are available for MVS, VM, AIX, AS/400, Linux, and Windows.

Build. The process of creating a softcopy book from a source document.

build configuration file. A Build for Windows file containing information that identifies the source document you are building, the Style Mapping file that Build for Windows should use, the name of the softcopy book to build, and any additional document elements you want Build for Windows to include in the softcopy book.

C

chapter. In BookManager, a section or part of a softcopy book whose topic ID begins with a major topic number, such as 1.0 or 4.0.

code page. An assignment of graphic characters and control function meanings to all code points; for example, assignment of characters and meanings to 256 code points for an 8-bit code.

collection. A set of electronic books that reside at a single file system location, such as D:\BOOKS.

collection kit. A set of electronic books provided by IBM on a CD-ROM.

D

DLL. Dynamic link library. A module containing executable code that is linked at run time.

document. Synonym for *source document*.

document element(s). The pieces of your source document, such as headings, paragraphs, notes, figures, captions, and cross-references.

dynamic link library. A module containing executable code that is linked at load or run time.

G

graphic. Pertaining to pictorial material or the output of graphics software, in contrast to text. Graphics in a softcopy book can be integrated into the text or displayed in a separate window.

H

hypertext. A method of accessing information in a non-linear fashion by linking to more information on a particular graphic or idea.

hypertext link. An automatic connection between a document element in one part of a softcopy book to another document element in the same book or to another softcopy book.

I

icons. Graphical representations of various document elements such as disk drives, applications, and documents.

index. An alphabetical list of the subjects in a softcopy document and the topics in which each subject is found. Contrast with table of contents and search index.

inline image. A graphic image that appears on the same line as text in a document.

L

LAN. Local area network. A computer network located on user premises within a limited geographical area.

local area network (LAN). (1) Two or more computing units connected for local resource sharing. (2) A network in which communications are limited to a moderate-sized geographic area, such as a single office building, warehouse, or campus, and that do not extend across public rights-of-way.

P

page. A unit of content, usually textual, that is accessed in a single transaction over the World Wide Web. (May be the equivalent of one or many pages of printed material.)

path. The storage location of a file. The path includes the drive, directory, and, if applicable, the line of subdirectories leading to the directory in which the file resides.

R

revisions. Changes an author has made to a book. Revisions may be marked with revision characters. Readers can move through a book looking at only those topics that have been changed or added to the book.

S

softcopy book. A file created by BookManager Build from a source document. A softcopy book can be viewed by any of the BookManager Readers and BookServers.

Softcopy Reader. IBM Softcopy Reader is a Java-based online documentation reader and organizer made up of two programs: (1) *Book Reader* allows you to open softcopy books created with one of the IBM BookManager Build programs, (2) *Bookshelf Organizer* allows you to manage your books and bookshelves.

source document. An input file that can contain text, formatting codes, and artwork. A document can be edited, printed, viewed, or used as input to a publishing program product such as BookManager Build.

style mapping file. A Build for Windows file containing the style recognition rules that determine how Build for Windows recognizes document elements in a source document and then builds them in a softcopy book.

T

table. Information presented in rows and columns and defined by the author as a table.

table of contents. A list of topics in the order in which they appear in a book.

topic. A heading and its subsequent text up to the next heading; the basic unit of information in a BookManager softcopy Book.

topic heading. A heading that introduces a new topic in softcopy. Each topic heading is made up of two parts: a topic ID and a topic title.

topic title. The title that is associated with a topic heading. See also topic heading.

topics list. A list of all the topics in a softcopy document that have topic IDs.

U

URL. Universal resource locator. The standard World Wide Web means for specifying the location of a resource on the Internet.

V

vector graphic. Computer graphics in which display images are generated from display commands and coordinate data. (I) (A)

W

Web browser. A browser for reading World Wide Web documents. See browser.

World Wide Web. A worldwide network of linked documents on the Internet that point to other documents on related topics. Using Netscape Navigator or other Web

browser software, a user can navigate quickly and easily around the global Internet, following the pointers to topics of interest.

Bibliography

Listed below is the BookManager family of products and related information.

BookManager BookServer

IBM BookManager BookServer for World Wide Web for AIX and Linux: Getting Started SC34-3152 (available in softcopy only)

IBM BookManager BookServer for World Wide Web for MVS: Getting Started SC34-3105 (available in softcopy only)

IBM BookManager BookServer for World Wide Web for Windows: Getting Started SC34-3104 (available in softcopy only)

BookManager READ

IBM BookManager READ for OS/2: Getting Started SC34-3097 (available in softcopy only)

IBM BookManager READ for Windows: User's Guide, SC34-3056

IBM BookManager READ for Windows: Online Reference, SC34-3057 (available only in softcopy with the BookManager READ for Windows product)

IBM BookManager READ for Windows: Quick Reference, SC34-3058

BookManager Build for Windows

IBM BookManager Build for Windows: Getting Started V2.3, SC34-3098 (available in softcopy only)

IBM BookManager Build for Windows: Messages and Codes V2.3, SC31-8902 (available in softcopy only)

BookManager BUILD SGML

IBM BookManager BUILD SGML: Getting Started, SC34-3073

IBM BookManager BUILD SGML: BIF DTD Reference, SC34-3075 (available in softcopy only)

IBM BookManager BUILD SGML: Reference, SC34-3074 (available in softcopy only)

BookManager BUILD/2

IBM BookManager BUILD/2: Getting Started, SC34-3049

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BookManager READ/DOS

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Reader Comments—We'd Like to Hear from You

IBM BookManager Build for Windows: Getting Started Version 2 Release 3

Publication No. SC34-3098-02

Overall, how satisfied are you with the information in this book?

	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
Overall satisfaction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

How satisfied are you that the information in this book is:

	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
Accurate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Easy to find	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Easy to understand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Well organized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Applicable to your tasks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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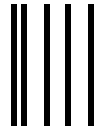
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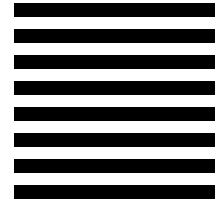
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