

What's on the CD-ROM

The CD that comes with this book should be readable on a Mac, Solaris, Windows 95, and Windows NT 4.0. Just put the CD in the drive, and mount it using whatever method you normally use on your platform, probably filemanager in Solaris, and just stick it in the drive if you're using a Mac and Windows. There's no fancy installer. You can browse the directories as you would a hard drive.

All CD-ROM files are read-only. Therefore, if you open a file from the CD-ROM and make any changes to it, you'll need to save it to your hard drive. Also, if you copy a file from the CD-ROM to your hard drive, the file retains its read-only attribute. To change this attribute after copying a file, right-click the file name or icon and select Properties from the shortcut menu. In the Properties dialog box, click the General tab and remove the checkmark from the Read-only checkbox.

There are seven main directories:

1. Browsers
2. Parsers
3. Specifications
4. Examples
5. Source Code
6. Utilities
7. PDFs



Browsers

This directory has a number of Web browsers that support XML to a greater or lesser extent including:

- ◆ Microsoft Internet Explorer 5.0 for Windows
- ◆ Microsoft Internet Explorer 4.5 for the Mac
- ◆ Microsoft Internet Explorer 4.0 for Windows
- ◆ Netscape Navigator 4.5.1 (various platforms)
- ◆ Netscape Navigator 4.0.4 (various platforms)
- ◆ Amaya 1.4b (various platforms)

Of these, only Internet Explorer 5.0 for Windows can directly display XML files. The remainder use XML internally for various functions, such as Netscape's What's Related or Amaya's MathML support.

Parsers

This directory contains version 0.86 of the Silfide XML Parser (SXP), a parser and a complete XML API in Java. . The latest version is available at <http://www.loria.fr/projets/XSilfide/EN/index.html>.

Specifications

This directory contains the official specification documents for many of the technologies discussed in this book including:

- ◆ XML 1.0
- ◆ Namespaces in XML
- ◆ CSS Level 1
- ◆ CSS Level 2
- ◆ Document Object Model
- ◆ HTML 4.0
- ◆ XHTML
- ◆ MathML
- ◆ The Resource Description Framework
- ◆ SMIL

These are all included in HTML format. Some are provided in other formats like XML and PDF as well. Many technologies discussed in this book are not yet finalized (for example, XSL). You can find the current draft specifications for these on the W3C Web site at <http://www.w3.org/TR/>.

Examples

This directory contains several examples of large XML files and large collections of XML documents. Some (but not all) of these are based on smaller examples printed in the book. For instance, you'll find complete statistics for the 1998 major league baseball season including all players and teams. Examples include:

- ♦ The 1998 major league season
- ♦ The complete works of Shakespeare (courtesy of Jon Bosak)
- ♦ The Old Testament (courtesy of Jon Bosak)
- ♦ The New Testament (courtesy of Jon Bosak)
- ♦ The Koran (courtesy of Jon Bosak)
- ♦ The Book of Mormon (courtesy of Jon Bosak)
- ♦ The Periodic Table of the Elements

Source Code

All complete numbered code listings from this book are on the CD-ROM in a directory called `source`. They are organized by chapter. Very simple HTML indexes are provided for the examples in each chapter. However, because most of the examples are raw XML files, current Web browsers won't display them very well. You're probably better off just opening the directories in Windows Explorer or the equivalent on your platform of choice, and reading the files with a text editor.

Most of the files are named according to the listing number in the book (for example, 6-1.xml, 21-1.cdf). However, in a few cases where a specific name is used in the book, such as `family.dtd` or `family.xml`, then that name is also used on the CD. The files on the CD appear exactly as they do in the book's listings.

Utilities

The utilities directory contains a single program — Tidy, compiled for a variety of platforms. Tidy can clean up most HTML files so that they become well-formed

XML Tidy can correct many common problems and warn you about the ones you need to fix yourself. Tidy was written for the W3C by Dave Raggett. The latest version can be found at <http://www.w3.org/People/Raggett/tidy>.

PDF

The PDF directory contains Acrobat PDF files for this entire book. To read them, you'll need the free Acrobat reader software which you can get for most major platforms from Adobe's Web site at <http://www.adobe.com/prodindex/acrobat/readstep.html>. Feel free to put them on your local hard disk for easy access. And I don't really care if you loan the CD-ROM to some cash-strapped undergrad who finds it cheaper to tie up a school printer for a few hours printing all 1000+ pages rather than spend \$49.95 for a printed copy. (If you're using your own printer, toner, and paper, it's *much* cheaper to buy the book.)

However, I would very much appreciate it if you do not place these files on *any* Web or FTP servers. This includes intranet servers, password-protected sites, and other things that aren't meant for the public as large. Most local sites and intranets are far more exposed to the broader Net than most people think. Today's search engines are *very* good at locating content that is supposed to be hidden. Putting mirror copies of these files around the Web makes it extremely difficult to keep all the files up to date and to make sure that search engines find the right copies.

