Appendix A

What's on the CD-ROM

The CD-ROM that accompanies this book contains 20 applications and plug-ins for Windows and Macintosh computers. This appendix describes each program. To find a particular application on the CD-ROM, open the Windows Software or Macintosh Software folder and then open the folder with the desired program's name.

Windows Software

Beatnik 1.3.2

Beatnik is an audio plug-in that handles many of the standard audio formats such as MIDI, WAV, AU, AIFF, and several of the MOD formats. It also plays its own Rich Music File (RMF) format. The version included here works with Netscape Navigator but not Internet Explorer. Check the Headspace Web site to see if the Beatnik ActiveX control has been released.

System requirements: Windows 95/98/NT, Pentium 90, Netscape Navigator 3.01 or higher.

Shareware info: Beatnik is freeware, but it expires in 180 days.

Web site: `http://www.headspace.com`.

Installation: Double-click `Beatnik132.exe`.

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CD/Spectrum Pro 3.4 – Psychedelic Screen Saver 4.0 – Kinemorphic Screen Saver 3.0

This virtual stereo rack system from Synthesoft includes players for CDs, WAVs, MP3s, and RealAudio, a sound mixer, a spectrum analyzer, and a visual display of the screen saver output (when the screen saver isn't running). You can program the CD player and create playlists of audio files. The CD player downloads track information from the online CD database (CDDB). The Kinemorphics 3D screen saver creates animated 3D patterns synchronized with the music played by CD/Spectrum Pro. The Psychedelic screen saver is an outstanding kaleidoscopic screen saver that synchronizes with the music played by CD/Spectrum Pro. Both screen savers give you a nearly overwhelming amount of control in creating your own patterns.

System requirements: Windows 95/98/NT 4.*x*; Kinemorphics requires Open GL 1.1 or higher, which is included in the installer. The software will run on a 486, but a Pentium 90 or higher is recommended for the visuals.

Shareware info: Registration fee $20 U.S. for each component or $30 U.S. for CD/Spectrum Pro plus one screen saver; the programs display reminder messages until you register them.

Web site: `http://www.synthesoft.com`.

Installation: To install with Kinemorphics screen saver, double-click `Kinemorphic.OpenGL30.exe`. To install with Psychedelic screen saver, double-click `Psychedelic40.exe`.

Cool Edit 96

Cool Edit 96 from Syntrillium is a sound editor that can record, play, edit, mix, and convert WAV, AIFF, Macintosh SND (only PCM encoding), AU, Raw PCM, RealAudio 3.0, MP1, and MP2, and other sound formats. Special effects include Reverb, Delay, Echo, 3D Echo Chamber, Flanging, and Distortion. Other transformations include Reverse, Inverse, adding silence, and adjusting

the amplitude, time and pitch. You can generate specific tones by frequency and amplitude, DTMF tones (telephone touch tones), brain wave sounds (sounds that induce relaxation, sleep, and meditation), and noise. You can use a sound clip as a sound sample to generate music. Filters help you get rid of specific frequencies or noise.

System requirements: Windows 3.1/95/98/NT, 4MB RAM, 2MB free hard disk space; a sound card, speakers or headphones, and mouse are recommended.

Shareware info: The registration fee is $25 U.S. for the Lite version or $50 U.S. for the full version; until you register Cool Edit 96, you can use only a few functions per session.

Web site: `http://www.syntrillium.com/cooledit`.

Installation: Double-click `CoolEdit96.exe`.

Cool Edit is described in Chapters 11 and 12.

Crescendo 3.0

LiveUpdate's Crescendo is a browser plug-in MIDI player that is capable of playing MIDIs before they completely download, by using streaming technology. You can detach the plug-in from a Web page and float it on your desktop to continue listening to a MIDI while you browse other sites. It installs as a plug-in for Netscape Navigator 2.0 or higher and as an ActiveX control for Microsoft Internet Explorer 3.0 and higher.

System requirements: Windows 95, 98, or NT, Netscape Navigator or Microsoft Internet Explorer. The Crescendo 3.0 ActiveX control for Windows works with Internet Explorer 3.0 and higher.

Web site: `http://www.liveupdate.com`.

Shareware info: Crescendo us freeware.

Installation: Double-click `Crescendo30.exe`.

Crescendo is described in Chapter 8.

DigiBand Radio 3.3.0

DigiBand Radio for Windows from DigiBand is a RealAudio player with a push-button interface to your favorite RealAudio Internet radio stations. You can program up to 100 push buttons arranged in five banks. It provides an updateable list of hundreds of operating Internet radio channels. A scan feature lets you scan stations to find one that you want to listen to. Please note that this version of DigiBand Radio does not support the new RealAudio G2 standard. Check DigiBand's Web site to see if their new player has been released.

System requirements: Windows95/98/NT, 486-DX2/66 or better, 4MB of RAM, 5MB of hard drive space, sound card, and 14.4 Kbps modem (28.8 Kbps recommended).

Shareware info: The registration fee $18.95 U.S. and includes a 15-day trial.

Web site: `http://www.digiband.com`.

Installation: Double-click `DigiBandradio330.exe`.

Digital Peace (Light version)

Digital Peace from the Plastic Factory plays soft environmental WAVs (rain forest, forest stream, ocean) continuously while you work. It's a nice change of pace.

System Requirements: Windows 96/98/NT and a sound card.

Shareware info: The registration fee is $10 U.S.

Web site: `http://www.rmaonline.net/hippies/theplasticfactory/`.

Installation: Double-click `TaskbarSmiley10.exe`.

iQ 1.17

iQ from QSound Labs, Inc., enhances all sampled sounds on your Windows system, including RealAudio, for a 3D effect. (It cannot enhance ADPCM encoded files, though.) It enhances sound played by your standalone players, your Web browsers, and games.

System requirements: Windows 95/98, Pentium 90 or higher, 8MB of RAM, and stereo sound card.

Shareware info: The registration fee is $24.95 U.S.

Web site: `http:\\www.qsound.ca`.

Installation: Double-click `iQ117.exe`.

Jet-Audio 3.12

Designed to resemble a stereo rack system, Jet-Audio from COWON includes players for sampled files (including MP3s), MIDIs and other synthesizer files, RealAudio, audio CDs, and digital videos. You can organize your sound files into albums and create playlists. The CD player downloads track information from the online CD database (CDDB). Records in WAV and RealAudio formats. Other features include a volume mixer with attenuation switch, graphic equalizer, digital signal processor, spectrum analyzer, remote control, and sleep timer.

System requirements: Windows 95/98/NT; 486-DX2/66 or higher (Pentium 90 or higher recommended to play MP3 or RealAudio); 8MB RAM (16MB recommended); 4MB disk space.

Shareware info: The registration fee is $29 U.S. Software expires after 30-day trial.

Web site: `http://www.cowon.com`.

Installation: Double-click `Jet-Audio312.exe`.

Jet-Audio described in Chapters 2, 3, and Appendix C on the CD-ROM.

Media Blaze 98 1.5-SP1

Media Blaze from Dryad Systems helps you manage your sound files when they're starting to overwhelm you.

System Requirements: Windows 95/98/NT.

Shareware info: The registration fee is $14.95 U.S. and includes 30-day free trial.

Web site: `http://www.dryad.com`.

Installation: Double-click `MediaBlaze98.exe`.

mIRC 5.41

mIRC by Khaled Mardam-Bey gives you the ability to chat on Internet Relay Chat (IRC) with a Windows GUI interface. Its menus and dialog boxes make it easy to enter those Byzantine IRC commands, including the ones to play, hear, and trade chat sounds.

System requirements: mIRC needs Windows 95 or 98 and your own Internet access, such as an ISP account, that provides a 32-bit winsock.

Web site: `http://www.mirc.co.uk`.

Shareware info: The registration fee is $20 U.S. and includes a 30-day free trial.

Installation: Double-click `mIRC.exe`.

mIRC is described in Chapter 6.

QuickTime 3

QuickTime is Apple's multimedia player. It acts as both a stand-alone player and a browser plug-in. The PictureViewer component displays still pictures, and the MoviePlayer component plays movies and sounds. It plays audio files in AIFF, AIFC, WAV, AU, MP2, MIDI, and KAR format. It uses the Roland SoundCanvas wavetable for MIDI files.

System requirements: QuickTime requires Windows 95, 98, NT 4.0; a 486-DX2/66 or higher, 16MB RAM, and a Sound Blaster-compatible card. Also, the following are recommended for better performance: DirectX 3.0, DirectDraw, and DirectSound.

Shareware info: QuickTime is freeware.

Web site: `http://www.apple.com/quicktime/`.

Installation: Double-click `QuickTime3.exe`.

QuickTime is described in Chapters 3 and 8.

RealPlayer 5.0

This player from RealNetworks plays multimedia streaming presentations. RealNetworks' Web site provides links to sites that are broadcasting live or recorded presentations in RealPlayer format.

System requirements: Windows 95, 98, or NT. Hardware requirements depend on modem speed and the RealPlayer components you want to use. maximum requirements are Pentium 166, 16MB of RAM, 28.8 Kbps modem, and 4MB of hard drive space. Check RealNetworks' Web site for specific requirements.

Web site: `http://www.real.com`.

Shareware info: RealPlayer is freeware.

Installation: Double-click `rp32_50.exe`.

RealPlayer is described in Chapter 7.

The RealPlayer is included under license from RealNetworks, Inc. Copyright 1995–1998, RealNetworks, Inc. All rights reserved

StreamWorks Player 3.1

The StreamWorks Player from Xing Technology Corporation plays multimedia presentations in StreamWorks XSM format as well as audio files in MP3 format. It installs as a plug-in for Netscape Navigator and an ActiveX control for Internet Explorer 3.0 and higher.

System requirements: Windows 95/98/NT, 486-DX2/66 processor (Pentium 166 recommended) with 16MB RAM, sound card (16-bit sound card recommended). A Video Accelerated VGA card with current DirectDraw drivers is recommended for playing StreamWorks video.

Web site: `http://www.xingtech.com`.

Shareware info: StreamWorks is freeware.

Installation: Double-click `StreamWorks31.exe`.

StreamWorks is described in Chapter 7.

Ted's Sounds

Ted's Sounds from Ted Tatman is a large collection of WAVs that are appropriate for AOL sound events, chat rooms, and many other uses.

System requirements: The ability to play WAVs.

Shareware info: Ted's Sounds is freeware.

Web site: `http://members.aol.com/tedt13/`.

Installation: No installation is needed. All the sound files contained in the Ted's Sounds folder in the Windows Software folder on the CD-ROM. Double-click a sound to listen to it. You can copy it to your hard drive using Windows Explorer or My Computer.

WaveEvents 2.0

WaveEvents by Gregory Jones makes it easier to edit your Windows 95 or 98 sound events. You can edit sound events for specific applications, screen savers, and shortcuts. You can also randomize sound event assignments.

System requirements: Windows 95 or 98.

Shareware info: WaveEvents includes a 30-day tryout. Some functions are disabled until you pay the $10 U.S. registration fee.

Web site: `http://www.waveevents.com`.

Installation: Double-click `WaveEvents20.exe`.

WaveEvents is described in Chapter 4.

WaVGeT 1.7

This add-on for mIRC and ViRC helps you organize, play, and trade massive amounts of sound files. It issues sound commands for you, keeps track of sounds that have been played that you don't have, automatically requests sound files from other chatters, and automatically sends sound files to other requesters. It even automatically thanks people who send you sound files. WaVGeT also gives you the ability to play and hear MP3 and RealAudio sound files in chat rooms. It also includes a text macro feature.

System requirements: Windows 95/98/NT; mIRC 3.92, 4.*xx*, 5.*xx*, or ViRC.

Web site: `http://www.wavget.com`.

Shareware info: Registration fee $10 U.S.; no limitation on the tryout period, but it nags you often to register.

Installation: Double-click `WaVGeT17.exe`.

WaVGeT is described in Chapter 6.

Macintosh Software

Agent Audio 1.2

Agent Audio from Clixsounds lets you manage System 7 snd resources. You can view and play sound resources from programs and other files, convert sound resources to standalone System 7 sound files, replace snd resources in a program's resource fork, and archive snd resources.

System requirements: Mac OS 7.1 or higher; 2MB of RAM; 2MB space on hard drive.

Shareware info: Registration fee $12 U.S., one week trial period.

Web site: `http://www.clixsounds.com`.

Installation: Double-click `AgentAudio12`.

Agent Audio is described in Chapter 5.

Beatnik 1.3.2

Beatnik is an audio player that handles many of the standard audio formats such as MIDI, WAV, AU, AIFF, and several of the MOD formats. It also plays its own Rich Music File (RMF) format. The version included here works with Netscape Navigator but not Internet Explorer. Check the Headspace Web site to see if the Beatnik ActiveX control has been released.

System requirements: A Power PC running Sound Manager 3.1 or higher and Netscape Navigator 3.01 or higher.

Shareware info: Freeware, but expires in 180 days.

Web site: `http://www.headspace.com`.

Installation: Double-click `Beatnik132`.

Crescendo 2.0

LiveUpdate's Crescendo 2.0 for Macintosh is a browser plug-in MIDI player that is capable of playing MIDIs before they completely download, using streaming technology. You can detach the plug-in from a Web page and float it on your desktop to continue listening to a MIDI while you browse other sites.

System requirements: System 7.1 and higher and QuickTime 2.1 or higher.

Web site: `http://www.liveupdate.com`.

Shareware info: Freeware.

Installation: Double-click `Crescendo20`.

Crescendo is described in Chapter 8.

Apple PlainTalk 1.5

Apple PlainTalk gives your Macintosh the ability to talk in a voice that you choose, in either English or Mexican Spanish. The MacinTalk component adds text-to-speech ability to software such as SimpleText and America Online. The Talking Alerts component reads system alert messages out loud. The speech recognition component responds to your voice commands.

System requirements: MacinTalk 2 runs on any Macintosh and needs System 6.0.7 or higher and 150K of RAM. MacinTalk 3 needs a 68030 processor or higher and 300K of RAM. MacinTalk Pro requires a 68040 or higher processor and System 7.0 or higher. English text-to-speech is supported on all processors; Mexican Spanish text-to-speech requires a 68020 or higher processor.

Shareware info: Freeware.
Web site: `http://www.speech.apple.com/`.
Installation: Double-click `PlainTalk15`.
PlainTalk is described in Chapter 5.

QuickTime 3

QuickTime is Apple's multimedia player. It acts as both a stand-alone player and a browser plug-in. The PictureViewer component displays still pictures, and the MoviePlayer component plays movies and sounds. It plays audio files in AIFF, AIFC, WAV, AU, MP2, MIDI, and KAR format. It uses the Roland SoundCanvas wavetable for MIDI files.

System requirements: Mac OS 7.1 or higher; requires 16MB RAM for PowerPC or 8MB RAM for 68K machines; 68K-based computers must also support Color QuickDraw.

Shareware info: Freeware.
Web site: `http://www.apple.com/quicktime/`.
Installation: Double-click `QuickTime3`.
QuickTime is described in Chapters 3 and 8.

RealPlayer 5.0

This player from RealNetworks plays multimedia streaming presentations that incorporate RealAudio, RealVideo, RealFlash, RealPix, and RealText streams. It installs as a standalone player, a browser plug-in for Netscape Navigator 2.0 and higher and Microsoft Internet Explorer 2.*x*, and an ActiveX control for Internet Explorer 3.*x* and higher. RealNetworks' Web site provides links to sites that are broadcasting live or recorded presentations in RealPlayer format.

System requirements: Macintosh System 7.0 or higher, Power PC; the latest release of Sound Manager is recommended.
Web site: `http://www.real.com`.
Shareware info: Freeware.
Installation: Double-click `realplayer_installer`.

SndSampler 3.5.2

SndSampler by Alan Glenn and M. Q. Edison is a sound editor that can record and edit sounds in AIFF or System 7 SND format. It can also import WAVs, AUs, Sun, NeXT, and raw PCM audio to AIFF format; and export to WAV, Sun, NeXT, and raw PCM format. Special effects include Reverse, Echo, Reverb, Tremolo, and Chorus.

System requirements: System 7.0 or higher; if your Mac doesn't have 16-bit audio hardware, you must have Sound Manager 3.0 or later installed in order to play 16-bit sounds.

Shareware info: Registration fee $20 U.S., 30-day trial.

Web site: None.

Installation: Double-click `SndSampler352`.

SndSampler is described in Chapters 11 and 12.

SoundApp

This sound player by Norman Franke plays System 7 snd resources and SND files, AU, WAV, AIFF, AIFC, MIDI, MOD, and more. It can convert any of these sound formats to System 7, sound suitcase, AIFF, AU, and a few other formats. It can also change a sound file's audio properties.

System requirements: Mac OS 7.0 or higher and Sound Manager 3.1 or higher; requires QuickTime 2.0 or higher to play QuickTime movies and to convert to and from QuickTime formats.

Shareware info: Freeware.

Web site: None.

Installation: Double-click `SoundApp`.

SoundApp is described in Chapters 2, 3, and 5.

StreamWorks Player 2.04

The StreamWorks Player from Xing Technology Corporation plays multimedia presentations in StreamWorks XSM format as well as audio files in MP3 format. It installs as a plug-in for Netscape Navigator and an ActiveX control for Internet Explorer 3.0 and higher.

Shareware info: StreamWorks is freeware.

Web site: `http://www.xingtech.com`.

Installation: Double-click StreamWorksPlayer31.

StreamWorks is described in Chapter 7.