

SONIC™ AuthorScript®

THE MOST RELIABLE WAY TO ADD DVD AND CD CREATION CAPABILITIES TO YOUR APPLICATION

Sonic AuthorScript is the world's leading engine for the authoring, burning, and playback of DVDs and CDs on PCs and consumer electronics devices. Available as a software development kit (SDK) with extensive APIs, AuthorScript makes it easy for application developers to add DVD or CD-based video authoring, data backup, or audio mastering capabilities to their applications.

Sonic AuthorScript offers the highest possible level of hardware compatibility with no additional effort on the part of the application developer. The AuthorScript engine is mature, proven, and has been used in the creation of billions of DVDs—including many best-selling Hollywood movies.

AuthorScript Video SDK



AuthorScript Video SDK makes it simple to create great-looking DVDs from any video footage

Authoring and burning capabilities for video applications

The Sonic AuthorScript Video engine is the technology underlying all of Sonic's DVD authoring applications, and the engine that makes it easy to format content for DVDs and VCDs. The AuthorScript API (Application Programmer's Interface) is a collection of C++ libraries—and associated calls that can be made from within applications—that handle all of the low-level processes for converting video, audio, graphics, and interactivity into a DVD. These libraries make it easy for you to add direct DVD-Video publishing to your multimedia, video and audio applications.

Potential Applications:

- Video editing and DVD authoring software—select content, create menus and burn DVDs
- Multimedia output—preserve graphics, files, and presentations to CD

AuthorScript Data Backup SDK



Incorporate high-volume DVD and CD duplication or large scale data backup functions with AuthorScript Data Backup SDK

The most device-friendly engine on the market

With the Sonic AuthorScript Data Backup SDK, it has never been easier to incorporate disc duplication or data mastering functionality into hardware or software. AuthorScript enables speedy manipulation of file system data that can be burned to external media for archival purposes. Use ISO and GI images to facilitate replication. Import an existing image or create a new one. Then burn it to disc or store it on the hard drive. With the ability to burn to multiple devices simultaneously, the AuthorScript Data Backup SDK is the perfect tool to power advanced duplication solutions.

Potential Applications:

- Medical imaging—quickly archive patient files and records
- Corporate records backup—ensure the safety and security of business information
- DVD and CD duplicators—easily enable high-volume disc replication
- Data Backup applications - enable your application to backup large amounts of key data right to your DVD or CD.

AuthorScript Audio Mastering SDK



AuthorScript Audio Mastering SDK gives your customers the power to create customized CDs of their favorite songs

The ideal solution to burn music CDs

The AuthorScript Audio Mastering SDK is a full-featured music mastering engine and toolkit that allows you to quickly integrate audio and music burning support into your applications. With this audio functionality, end-users can create audio discs from a variety of supported audio files (including VBR MP3). The AuthorScript Audio Mastering SDK allows for quick downloading in client applications and is optimized for maximum burning performance.

Potential Applications:

- Music downloading services—burn CDs right from the service application
- Audio kiosks—create customized CDs at the point of purchase
- Audio editing—let customers reorganize their own music collections and burn their own playlists to DVD

About Sonic AuthorScript

Sonic AuthorScript is the DVD and CD formatting and burning engine that underlies Sonic's applications and is the most widely deployed DVD software engine on the market today. It makes it easy for application developers to add a broad range of DVD and CD technologies to their applications, while supporting the widest array of DVD and CD burners.

A flexible solution, AuthorScript contains modules for converting video and audio data into DVD- and VCD-compliant streams, formatting and burning DVD-Video and VCD projects, data mastering on recordable DVDs and CDs, music CD ripping and burning, DVR recording and timeshifting, and DVD-Video and VCD playback. AuthorScript also includes comprehensive support for recording and editing in the DVD-VR and DVD+RW (+VR) formats.

Noted for its solid performance, AuthorScript has been licensed by industry-leading companies including Adobe, Time Warner, Avid, Microsoft, and Sony. It also underlies Sonic's DVD applications including MyDVD®, DVDIt!®, and RecordNow!™, which are bundled by major OEMs such as Adaptec, Compaq, Fujitsu, Hewlett-Packard, Hitachi, Matrox, Memorex, Nova, Panasonic, Philips, Pioneer, Sony, ViewSonic, and many others.

THE SONIC ADVANTAGE

Since 1986, Sonic Solutions has been setting the standard for quality, productivity, and creativity in digital media production. As the world's leading supplier of DVD creation software for professional, industrial and consumer applications, more businesses are built around Sonic than any other DVD production system.

The majority of major film releases on DVD have been produced by Sonic's professional DVD authoring systems, making them the standard authoring tools for studios in Hollywood and around the world. Sonic's MyDVD® and DVDIt!® are the most widely-used DVD creation applications by consumers and video enthusiasts and are the solutions of choice among the key PC and after-market drive suppliers.

Specifications

MEDIA

- DVD-R/+RW/-RW and CD-R/RW

FORMAT SUPPORT

- DVD-V; Video CD (VCD); Super Video CD (SVCD)

MEDIA

- DVD-R/+R/+RW/-RW/RAM and CD-R/RW

VIDEO/AUDIO/GRAPHICS FILE SUPPORT

Video:

- TV formats supported: NTSC & PAL
- Video aspect ratio supported: 4:3 & 16:9
- MPEG decoding support (optional)
- MPEG-1, MPEG-2, video import
- MPEG-1/MPEG-2 program stream, WMV, AVI, Quicktime import1 (optional)

- Video (VOBs) import from pre-recorded DVDs
- DVD+RW (+VR) VOBs Import

Audio:

- WAV (PCM) sample-rate conversion to 48kHz for DVD, 44.1kHz for VCD/SVCD
- WAV (PCM), MPEG-1 Layer 2, WMV, MP3 Audio Import
- Dolby Digital Audio import
- Dolby Digital Encoding support (optional)

Stills:

- BMP, TIF, TGA, PNG, PICT, JPG import for menus and slideshows

OUTPUT FEATURES

Basic Features:

- WriteDirect™ for direct formatting to DVD/CD recorders

- Build volume to Hard disk
- Specify device
- Check media capacity before burning to disc
- OpenDVD™ writing

OPTIONS

Encoders, Transcoding

GENERAL COMPONENTS

- Music CDs; write red book audio CDs
- Data CDs/DVDs; write data CDs/DVDs
- Copy Function for CDs/DVDs
- MP3 CDs; Create CDs that can be played in MP3 players

AVAILABLE PLATFORMS

Windows; Linux