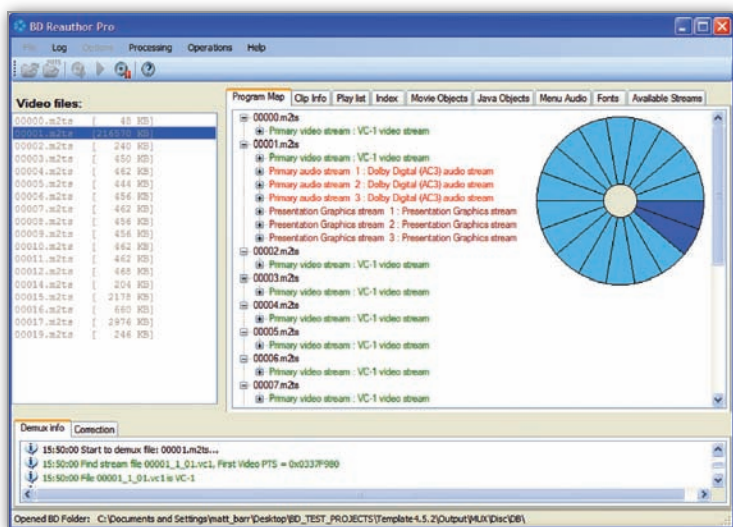


SONIC

# BD REAUTHOR

REVERSION, REUSE, REAUTHOR



BD Reauthor is a unique productivity solution that can open and edit unencrypted Blu-ray Disc titles using Sonic Scenarist®. With BD Reauthor, any BD title created with any authoring application becomes a “living archive” that can be accessed to extract assets or used to update and refresh a completed title in Scenarist. BD Reauthor is a must-have utility that provides competitive advantage for any studio or professional BD authoring facility, speeding up title revisions and production at an unprecedented rate.

## INTRODUCING BD REAUTHOR

BD Reauthor is a unique productivity tool that enables authoring professionals to enhance existing Blu-ray Disc titles created on any authoring system.

Capable of demultiplexing any existing unencrypted Blu-ray Disc, BD Reauthor’s comprehensive support of the Blu-ray Disc specification enables professionals to import even the most complex HDMV and BD-J titles from BD-R directly into Sonic® Scenarist® - all in a simple one-click process.

Applications of BD Reauthor’s unique technology include restoring, enhancing, converting and archiving, making it a must-have productivity solution for all businesses seeking to expand their range of Blu-ray Disc services and streamline their production workflow and project turnaround.

Designed by DVDLogic, available exclusively through the Sonic

**EDG**extended developer group

LEARN MORE, BOOK A DEMONSTRATION, AND FIND YOUR NEAREST RESELLER:  
[WWW.SONIC.COM/GO/BDREAUTHOR](http://WWW.SONIC.COM/GO/BDREAUTHOR)

## KEY FEATURES

### Import Any Unencrypted Blu-ray Disc into Sonic Scenarist

BD Reauthor can analyze and open any existing multiplexed (unencrypted) Blu-ray Disc title (HDMV or BD-J) to create a fully functional authoring project - complete with elementary assets - ready for further authoring work within Scenarist.

### Unique Blu-ray Disc Enhancement Workflow

BD Reauthor makes it possible for professional Scenarist-powered facilities to quickly and easily take on work from partner companies - who have used lower-end tools to begin a project - and take the title to whole new level using the production power of Sonic Scenarist.

### Extract Video, Audio, Subtitles, BD-J Objects and Navi Commands for Reuse

BD Reauthor can extract assets from multiplexed titles, such as elementary Video, Audio, Subtitles, BD-J Objects and Navi Commands for reuse, saving time hunting around for any lost assets or authoring sequences.

### Universal Authoring Support

BD Reauthor can open titles created by any existing Blu-ray Disc authoring application so it doesn't matter which BD authoring tool was used to create the original title.

### Seamless Integration with Sonic Scenarist

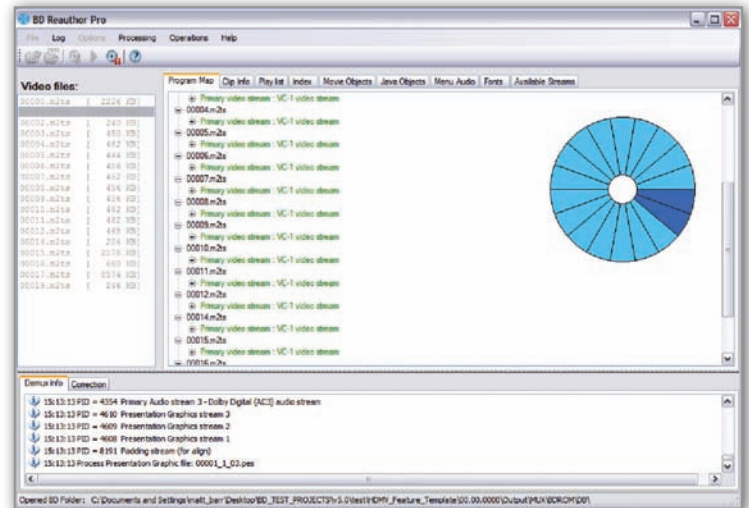
The output from BD Reauthor can be opened immediately within Sonic Scenarist. BD Reauthor automatically creates all required project files and assets including Scenarist Designer compatible menu files and CSV chapter lists.

### Integrated Verification and Auto-correction

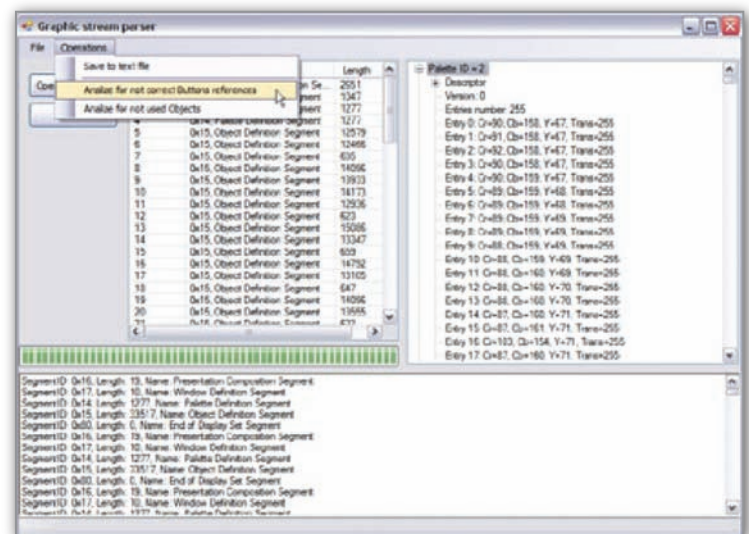
BD Reauthor automatically checks imported titles for typical problems and spec incompatibilities and provides users with the opportunity to fix any problems automatically.

### Convenient and Efficient Project Archiving

Storing archived projects requires a lot of disc space. Using BD Reauthor, projects can be archived on a conveniently playable BD-R and restored when required for additional development or re-purposing using Sonic Scenarist.



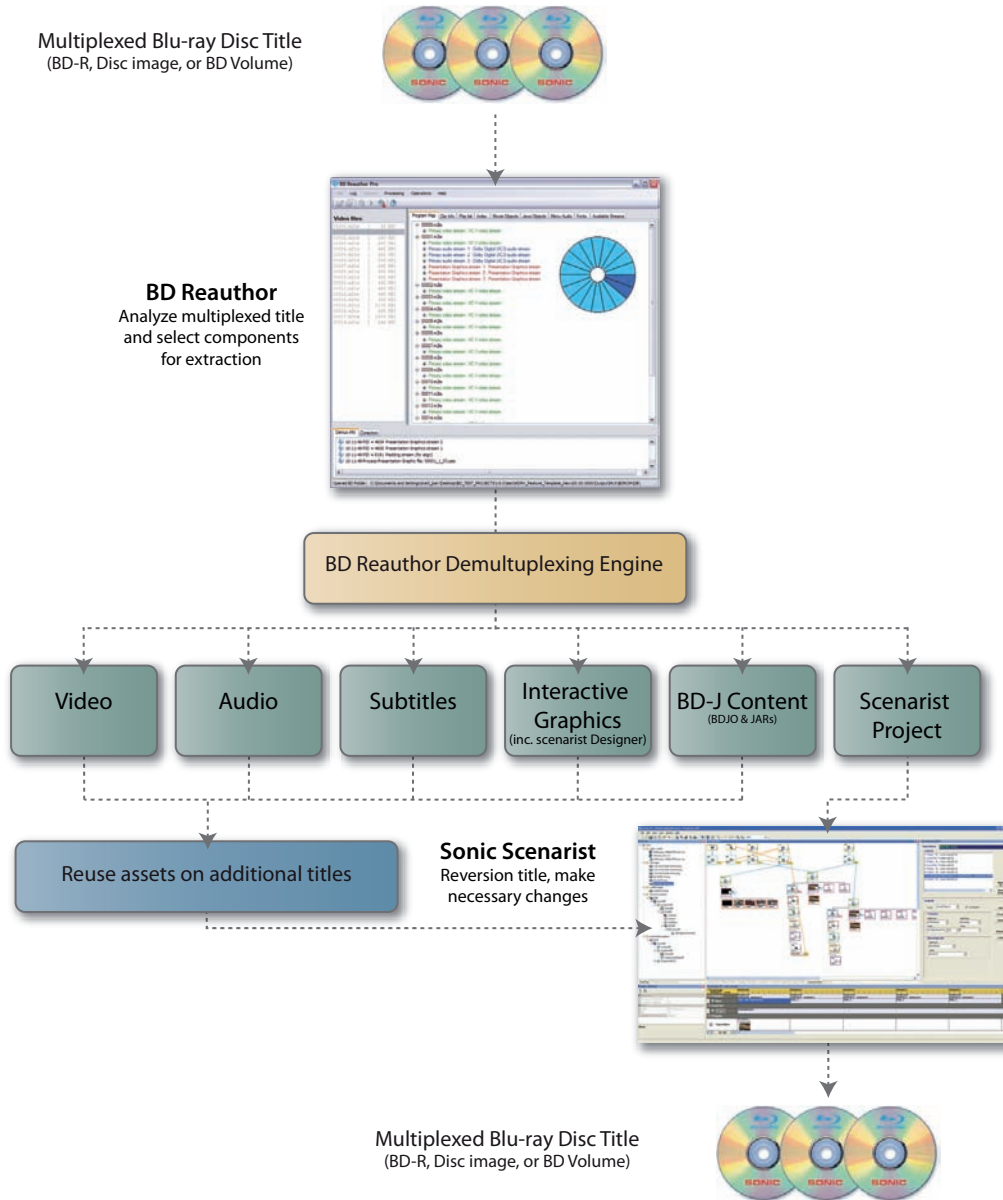
*BD Reauthor – BD Reauthor provides you with a detailed analysis of the title's content so you can select the specific elements that you wish to extract.*



*Graphics Parser – BD Reauthor's Graphics Stream Parser provides a detailed analysis of Interactive Graphics streams – including the component colors used by each palette - as well as checking for any redundant graphics that aren't being used.*

## BD REAUTHOR IN ACTION

BD Reauthor enables professional Blu-ray Disc production facilities to quickly and easily extract specific assets from multiplexed BD titles as well creating the necessary Scenarist and Scenarist Designer project files required to open a finished title within Scenarist for fast and efficient title reversioning.



## EDGextended developer group

Sonic's Extended Developer Group - EDGe - is a comprehensive program enabling and supporting the development of utilities and applications for use in the creation of advanced high definition Blu-ray Disc titles. Designed to harness the technical and creative energies of developers from across the spectrum of interactive design, the EDGe program provides everything needed to define, create, qualify, market, and support professional production applications that enable the advanced interactive features of the Blu-ray Disc format.

## SYSTEM REQUIREMENTS

A CPU meeting the following minimum requirements is recommended for use with BD Reauthor:

- Windows® XP Professional, Service Pack 2, 32-bit, Windows 2000, or Windows Vista
- 1 x Intel Core 2 Quad Q6600 (2.40GHz)
- 2 GB of system memory (RAM)
- NVIDIA GeForce 8800GT (512 MB)
- 100 GB of hard drive space for application files and Sonic Scenarist project files (the amount of hard drive space required for Sonic Scenarist project files will depend on the size of the Blu-ray Disc being processed).
- .NET Framework 2.0
- CD-ROM or DVD-ROM drive
- Monitor with minimum 1280x1024 screen resolution (1920x1200 recommended) and 32-bit color support
- USB port 1.0 or greater for security dongle
- Sonic Scenarist BD (required to generate the metadata files needed for the Scenarist project generated by BD Reauthor).

**Recommended Storage:** The overall speed of BD Reauthor is largely governed by the speed of the storage being used. To achieve maximum processing efficiency, it is recommended that the source and destination drives are part of a high-bandwidth storage solution, such as a RAID array.

## SPECIFICATIONS

### Operating System Support

- Windows® XP Professional, Service Pack 2 (32-bit)
- Windows 2000
- Windows Vista Home Premium to Ultimate (x32 only)

### Scenarist BD Support

- Scenarist® BD 4.5.2

### Video Codec Support

- AVC
- VC-1
- MPEG-2

### Audio Codec Support

- Linear PCM
- Dolby® Digital
- Dolby Digital Plus
- Dolby TrueHD

### DTS®

- DTS-HD High Resolution
- DTS-HD Master Audio

### Subtitle Support

- PES (Presentation Graphic Elementary Streams)
- Presentation Graphic (BDN XML + PNG images)

### Menu Support

- IES (Interactive Graphic Elementary Streams)
- Scenarist Designer

### BD-J Support

- BD-J Objects
- Java archives
- TTF fonts

### Scenarist BD Project Creation

- Scenarist BD project generation (XML)
- Scenarist Designer menu export generation
- Composite menu preview (PNG)
- Chapter point file generation (CSV)
- Automatic metadata generation (requires Scenarist BD MUI Generator)

### Demultiplexing Options

- Demultiplex single files and assets
- Demultiplex entire Blu-ray Discs
- Single multi-channel or multiple mono .wav audio files

### Blu-ray Disc Compliancy Testing

- Inter-Playlist frame rate continuity
- Audio Mix Flag continuity
- Playlist/Clip timing information
- Intra-Title Movie Object referencing

### Disc Structure Analysis and Preview

- Program Map: M2TS stream configuration, Primary video codec type, Secondary video codec type, Primary audio codec type, Secondary audio codec type, Audio stream sampling rate, Audio stream bit rate, and Audio stream channel configuration.
- Clip Information: Clip application type, stream video format and frame rate.
- Playlist: Playlist structure and properties, SubPath structure and properties, PlaylistMark structure and properties, and User Operation table.
- Index Table: Title structure and properties and HDMV Title playback type.
- Movie Objects: Navigation commands, Resume Intention flag, and Menu and Title call masks.
- BD-J Objects: Default font filename, Menu and Title call masks, Playlist access, Language code, Organization ID, Application ID, and Key interest table.

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