

BDQuest

Verify Your BD Content!



Certified by BDA
[Blu-ray Disc Association]



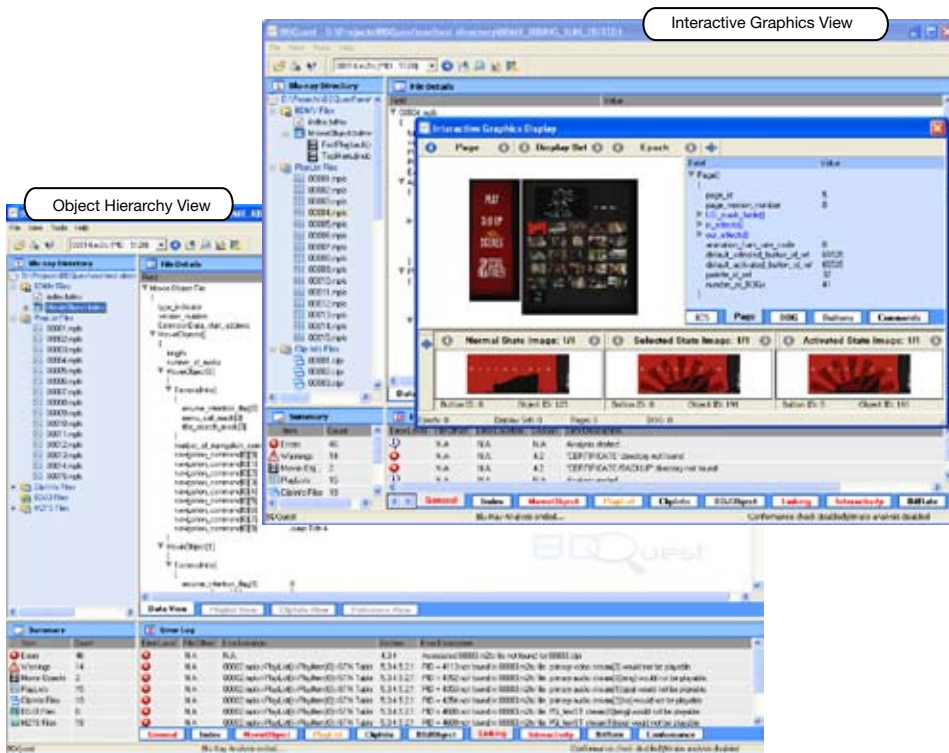
High interactivity, high definition content, high storage - Blu-ray Discs (BD) is the next generation experience for media consumers. And with rapid advances in media and technology, consumers invariably demand and expect the best. Are BD content authors and product developers ready to meet the quality expectations of this demanding consumer base? Targeting this need, Interra Systems offers BDQuest, a cost effective, easy to use software that digs into the BD content and pinpoints flaws in BD content authoring and playback. By making debugging simple, exact, and objective, BDQuest enhances the productivity and significantly reduces authoring and development time.

BDQuest performs comprehensive verification of BD-ROM movie objects for compliance with BD-ROM Part 3 Audio Visual Basic Specifications (Version 2.x).

BDQuest ensures that your Blu-ray content is compatible for both hardware decoders (players) and the movie-software (content). BDQuest verifies title structure, navigation, and elementary components such as BDMV transport data. BDQuest's intuitive interface lets you look into the details of the file data, playlist timelines, and missing objects. You can quickly jump to erroneous interactive button objects or commands to examine cause of the error.

With BDQuest, you can:

- Identify conformance violation in various files in the complex directory and hierarchy structure (Play List, Clip Info files, m2ts files, BDMV files, aacs directory)
 - Analyze bit rate of streams from Disk and Binding Unit Data Area (BUDA)
 - Verify compliance of the AV streams with constraints for seamless connection between playitems and subplayitems including multi angle change.
 - Check conformance of audio/video streams with BD Standard
 - Detect flaws in the HDMV interactivity covering all possible use scenarios
 - Identify interactive button object commands that have errors
 - Detect movie object or playlist that are not referenced or are incorrect
 - Identify inconsistency between m2ts content and Clip Info files
 - Compare consistency of recorded BD content with authored content
 - Pin point playback problems
- And, more...



Make sure that your BD content is ready for distribution

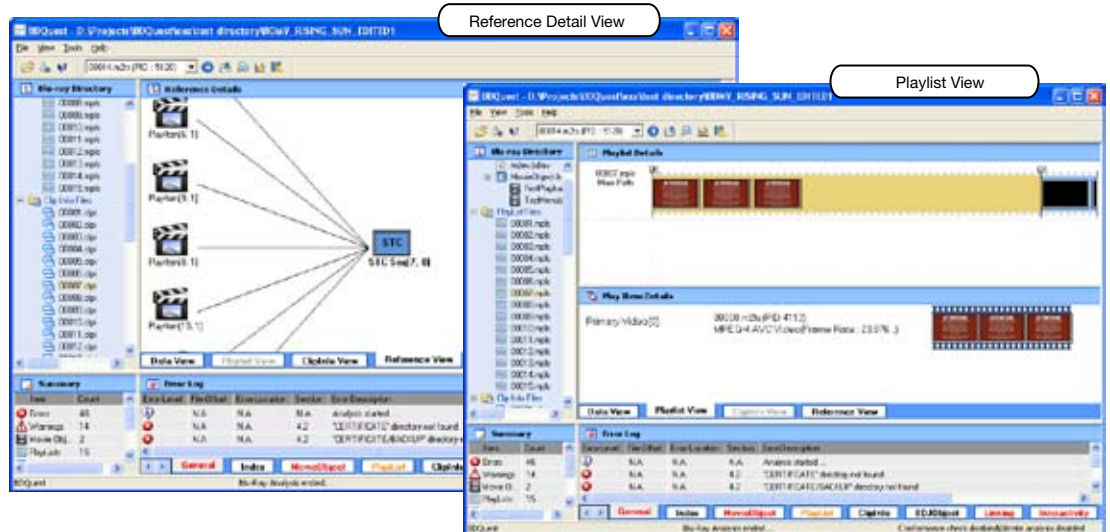
Reduce dependency on manual verification

Be sure of your Blu-ray content!

Shorten the time to market and save production cost

Key Product Features

- Blu-ray Disc Read-Only Format compliance checks
- Optimized, fast verification of BD-ROM movie objects
- Support for raw file (BDMV folder), UDF image, and BDCMF file
- Support of user configurable rule based analysis
- IG (Interactive graphics) object linking checks
- BD content consistency checks
- Reporting of missing HDMV Movie Object, BD-J Object, playlist, Java application, and other objects
- Verification of connection condition between AV streams
- Verification of BD-ROM content with golden content
- Detailed information
 - Error log containing the complete description of errors
 - Syntax elements and Hexadecimal data of the various files and high level syntax structures
 - Number of errors and warnings, number of different files, presence of captions and subtitles, number of text subtitle streams, number of different audio languages, and more
 - Play items and corresponding clips
- Meta data analysis and an interface for editing and creating meta data
- User interactivity diagram showing the commands and syntax structures
- Graphical view of the complete playlist structure and display of play items in main path and in all sub paths
- Reports in HTML & PDF for ease of distribution
- Support for the following audio and video standards:
 - Video: H.264, VC-1, MPEG-2
 - Audio: Dolby AC-3/EAC-3
 - System: MPEG-2 Transport Streams



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Blu-ray Content Verification for:

- BD authors
- BD testers
- BD replication units
- BD-based product developers
- BD experts

Backed by Interra's acclaimed pre & post sales support



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