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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
| [**PREV PACKAGE**](http://docs.google.com/javazoom/jl/converter/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javazoom/jl/player/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/decoder/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package javazoom.jl.decoder

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| **Interface Summary** | |
| [**BitstreamErrors**](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html) | This interface describes all error codes that can be thrown in BistreamExceptions. |
| [**Control**](http://docs.google.com/javazoom/jl/decoder/Control.html) | Work in progress. |
| [**DecoderErrors**](http://docs.google.com/javazoom/jl/decoder/DecoderErrors.html) | This interface provides constants describing the error codes used by the Decoder to indicate errors. |
| [**FrameDecoder**](http://docs.google.com/javazoom/jl/decoder/FrameDecoder.html) | Implementations of FrameDecoder are responsible for decoding an MPEG audio frame. |
| [**JavaLayerErrors**](http://docs.google.com/javazoom/jl/decoder/JavaLayerErrors.html) | Exception erorr codes for components of the JavaLayer API. |
| [**JavaLayerHook**](http://docs.google.com/javazoom/jl/decoder/JavaLayerHook.html) | The JavaLayerHooks class allows developers to change the way the JavaLayer library uses Resources. |
| [**Source**](http://docs.google.com/javazoom/jl/decoder/Source.html) | Work in progress. |

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| **Class Summary** | |
| [**Bitstream**](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) | The Bistream class is responsible for parsing an MPEG audio bitstream. |
| [**Crc16**](http://docs.google.com/javazoom/jl/decoder/Crc16.html) | 16-Bit CRC checksum |
| [**Decoder**](http://docs.google.com/javazoom/jl/decoder/Decoder.html) | The Decoder class encapsulates the details of decoding an MPEG audio frame. |
| [**Decoder.Params**](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html) | The Params class presents the customizable aspects of the decoder. |
| [**Equalizer**](http://docs.google.com/javazoom/jl/decoder/Equalizer.html) | The Equalizer class can be used to specify equalization settings for the MPEG audio decoder. |
| [**Equalizer.EQFunction**](http://docs.google.com/javazoom/jl/decoder/Equalizer.EQFunction.html) |  |
| [**Header**](http://docs.google.com/javazoom/jl/decoder/Header.html) | Class for extracting information from a frame header. |
| [**InputStreamSource**](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html) | *Work In Progress.* |
| [**JavaLayerUtils**](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html) | The JavaLayerUtils class is not strictly part of the JavaLayer API. |
| [**Manager**](http://docs.google.com/javazoom/jl/decoder/Manager.html) | Work in progress. |
| [**Obuffer**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) | Base Class for audio output. |
| [**OutputChannels**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) | A Type-safe representation of the the supported output channel constants. |
| [**SampleBuffer**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html) | The SampleBuffer class implements an output buffer that provides storage for a fixed size block of samples. |

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| **Exception Summary** | |
| [**BitstreamException**](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html) | Instances of BitstreamException are thrown when operations on a Bitstream fail. |
| [**DecoderException**](http://docs.google.com/javazoom/jl/decoder/DecoderException.html) | The DecoderException represents the class of errors that can occur when decoding MPEG audio. |
| [**JavaLayerException**](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html) | The JavaLayerException is the base class for all API-level exceptions thrown by JavaLayer. |

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| **Error Summary** | |
| [**JavaLayerError**](http://docs.google.com/javazoom/jl/decoder/JavaLayerError.html) | Work in progress. |

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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
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