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

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## **A**

[**add\_bits(int, int)**](http://docs.google.com/javazoom/jl/decoder/Crc16.html#add_bits(int,%20int)) - Method in class javazoom.jl.decoder.[Crc16](http://docs.google.com/javazoom/jl/decoder/Crc16.html) Feed a bitstring to the crc calculation (0 < length <= 32). [**addControl(Control)**](http://docs.google.com/javazoom/jl/decoder/Manager.html#addControl(javazoom.jl.decoder.Control)) - Method in class javazoom.jl.decoder.[Manager](http://docs.google.com/javazoom/jl/decoder/Manager.html)   [**addFactory(AudioDeviceFactory)**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#addFactory(javazoom.jl.player.AudioDeviceFactory)) - Method in class javazoom.jl.player.[FactoryRegistry](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html) Registers an AudioDeviceFactory instance with this registry. [**AdvancedPlayer**](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) - Class in [javazoom.jl.player.advanced](http://docs.google.com/javazoom/jl/player/advanced/package-summary.html)a hybrid of javazoom.jl.player.Player tweeked to include play(startFrame, endFrame) hopefully this will be included in the api[**AdvancedPlayer(InputStream)**](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#AdvancedPlayer(java.io.InputStream)) - Constructor for class javazoom.jl.player.advanced.[AdvancedPlayer](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) Creates a new Player instance. [**AdvancedPlayer(InputStream, AudioDevice)**](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#AdvancedPlayer(java.io.InputStream,%20javazoom.jl.player.AudioDevice)) - Constructor for class javazoom.jl.player.advanced.[AdvancedPlayer](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html)   [**append(int, short)**](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html#append(int,%20short)) - Method in class javazoom.jl.converter.[WaveFileObuffer](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html) Takes a 16 Bit PCM sample. [**append(int, short)**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#append(int,%20short)) - Method in class javazoom.jl.decoder.[Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) Takes a 16 Bit PCM sample. [**append(int, short)**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#append(int,%20short)) - Method in class javazoom.jl.decoder.[SampleBuffer](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html) Takes a 16 Bit PCM sample. [**appendSamples(int, float[])**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#appendSamples(int,%20float%5B%5D)) - Method in class javazoom.jl.decoder.[Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) Accepts 32 new PCM samples. [**appendSamples(int, float[])**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#appendSamples(int,%20float%5B%5D)) - Method in class javazoom.jl.decoder.[SampleBuffer](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html)   [**AUDIO\_PARAMETER**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#AUDIO_PARAMETER) - Static variable in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html)   [**AudioDevice**](http://docs.google.com/javazoom/jl/player/AudioDevice.html) - Interface in [javazoom.jl.player](http://docs.google.com/javazoom/jl/player/package-summary.html)The AudioDevice interface provides an abstraction for a device capable of sounding audio samples.[**AudioDeviceBase**](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) - Class in [javazoom.jl.player](http://docs.google.com/javazoom/jl/player/package-summary.html)The AudioDeviceBase class provides a simple thread-safe implementation of the AudioDevice interface.[**AudioDeviceBase()**](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#AudioDeviceBase()) - Constructor for class javazoom.jl.player.[AudioDeviceBase](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html)   [**AudioDeviceFactory**](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) - Class in [javazoom.jl.player](http://docs.google.com/javazoom/jl/player/package-summary.html)An AudioDeviceFactory class is responsible for creating a specific AudioDevice implementation.[**AudioDeviceFactory()**](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html#AudioDeviceFactory()) - Constructor for class javazoom.jl.player.[AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html)  

## **B**

[**Backpatch(long, RiffFile.RiffChunkHeader, int)**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Backpatch(long,%20javazoom.jl.converter.RiffFile.RiffChunkHeader,%20int)) - Method in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html) Write Data to specified offset. [**Backpatch(long, byte[], int)**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Backpatch(long,%20byte%5B%5D,%20int)) - Method in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**BAND\_NOT\_PRESENT**](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#BAND_NOT_PRESENT) - Static variable in class javazoom.jl.decoder.[Equalizer](http://docs.google.com/javazoom/jl/decoder/Equalizer.html) Equalizer setting to denote that a given band will not be present in the output signal. [**bitrate()**](http://docs.google.com/javazoom/jl/decoder/Header.html#bitrate()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Return Bitrate. [**bitrate\_index()**](http://docs.google.com/javazoom/jl/decoder/Header.html#bitrate_index()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Returns bitrate index. [**bitrate\_instant()**](http://docs.google.com/javazoom/jl/decoder/Header.html#bitrate_instant()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Return Instant Bitrate. [**bitrate\_str**](http://docs.google.com/javazoom/jl/decoder/Header.html#bitrate_str) - Static variable in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html)   [**bitrate\_string()**](http://docs.google.com/javazoom/jl/decoder/Header.html#bitrate_string()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Return Bitrate. [**bitrates**](http://docs.google.com/javazoom/jl/decoder/Header.html#bitrates) - Static variable in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html)   [**BitsPerSample()**](http://docs.google.com/javazoom/jl/converter/WaveFile.html#BitsPerSample()) - Method in class javazoom.jl.converter.[WaveFile](http://docs.google.com/javazoom/jl/converter/WaveFile.html)   [**Bitstream**](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) - Class in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)The Bistream class is responsible for parsing an MPEG audio bitstream.[**Bitstream(InputStream)**](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#Bitstream(java.io.InputStream)) - Constructor for class javazoom.jl.decoder.[Bitstream](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) Construct a IBitstream that reads data from a given InputStream. [**BITSTREAM\_ERROR**](http://docs.google.com/javazoom/jl/decoder/JavaLayerErrors.html#BITSTREAM_ERROR) - Static variable in interface javazoom.jl.decoder.[JavaLayerErrors](http://docs.google.com/javazoom/jl/decoder/JavaLayerErrors.html) The first bitstream error code. [**BITSTREAM\_LAST**](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html#BITSTREAM_LAST) - Static variable in interface javazoom.jl.decoder.[BitstreamErrors](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html)   [**BitstreamErrors**](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html) - Interface in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)This interface describes all error codes that can be thrown in BistreamExceptions.[**BitstreamException**](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html) - Exception in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)Instances of BitstreamException are thrown when operations on a Bitstream fail.[**BitstreamException(String, Throwable)**](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html#BitstreamException(java.lang.String,%20java.lang.Throwable)) - Constructor for exception javazoom.jl.decoder.[BitstreamException](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html)   [**BitstreamException(int, Throwable)**](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html#BitstreamException(int,%20java.lang.Throwable)) - Constructor for exception javazoom.jl.decoder.[BitstreamException](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html)   [**BOTH**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#BOTH) - Static variable in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html)   [**BOTH\_CHANNELS**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#BOTH_CHANNELS) - Static variable in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) Flag to indicate output should include both channels.

## **C**

[**calculate\_framesize()**](http://docs.google.com/javazoom/jl/decoder/Header.html#calculate_framesize()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Calculate Frame size. [**chan**](http://docs.google.com/javazoom/jl/converter/WaveFile.WaveFileSample.html#chan) - Variable in class javazoom.jl.converter.[WaveFile.WaveFileSample](http://docs.google.com/javazoom/jl/converter/WaveFile.WaveFileSample.html)   [**checksum()**](http://docs.google.com/javazoom/jl/decoder/Crc16.html#checksum()) - Method in class javazoom.jl.decoder.[Crc16](http://docs.google.com/javazoom/jl/decoder/Crc16.html) Return the calculated checksum. [**checksum**](http://docs.google.com/javazoom/jl/decoder/Header.html#checksum) - Variable in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html)   [**checksum\_ok()**](http://docs.google.com/javazoom/jl/decoder/Header.html#checksum_ok()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Returns Checksum flag. [**checksums()**](http://docs.google.com/javazoom/jl/decoder/Header.html#checksums()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Returns Protection bit. [**clear\_buffer()**](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html#clear_buffer()) - Method in class javazoom.jl.converter.[WaveFileObuffer](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html)   [**clear\_buffer()**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#clear_buffer()) - Method in class javazoom.jl.decoder.[Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) Clears all data in the buffer (for seeking). [**clear\_buffer()**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#clear_buffer()) - Method in class javazoom.jl.decoder.[SampleBuffer](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html)   [**clone()**](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html#clone()) - Method in class javazoom.jl.decoder.[Decoder.Params](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html)   [**Close()**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Close()) - Method in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html) Close Riff File. [**Close()**](http://docs.google.com/javazoom/jl/converter/WaveFile.html#Close()) - Method in class javazoom.jl.converter.[WaveFile](http://docs.google.com/javazoom/jl/converter/WaveFile.html)   [**close()**](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html#close()) - Method in class javazoom.jl.converter.[WaveFileObuffer](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html)   [**close()**](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#close()) - Method in class javazoom.jl.decoder.[Bitstream](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) Close the Bitstream. [**close()**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#close()) - Method in class javazoom.jl.decoder.[Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)   [**close()**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#close()) - Method in class javazoom.jl.decoder.[SampleBuffer](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html)   [**close()**](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#close()) - Method in class javazoom.jl.player.advanced.[AdvancedPlayer](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) Cloases this player. [**close()**](http://docs.google.com/javazoom/jl/player/AudioDevice.html#close()) - Method in interface javazoom.jl.player.[AudioDevice](http://docs.google.com/javazoom/jl/player/AudioDevice.html) Closes this audio device. [**close()**](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#close()) - Method in class javazoom.jl.player.[AudioDeviceBase](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) Closes this audio device. [**close()**](http://docs.google.com/javazoom/jl/player/Player.html#close()) - Method in class javazoom.jl.player.[Player](http://docs.google.com/javazoom/jl/player/Player.html) Cloases this player. [**closeFrame()**](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#closeFrame()) - Method in class javazoom.jl.decoder.[Bitstream](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) Close MP3 frame. [**closeImpl()**](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#closeImpl()) - Method in class javazoom.jl.player.[AudioDeviceBase](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) Template method to provide the implementation for closing the audio device. [**closeImpl()**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#closeImpl()) - Method in class javazoom.jl.player.[JavaSoundAudioDevice](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)   [**Control**](http://docs.google.com/javazoom/jl/decoder/Control.html) - Interface in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)Work in progress.[**convert(String, String)**](http://docs.google.com/javazoom/jl/converter/Converter.html#convert(java.lang.String,%20java.lang.String)) - Method in class javazoom.jl.converter.[Converter](http://docs.google.com/javazoom/jl/converter/Converter.html)   [**convert(String, String, Converter.ProgressListener)**](http://docs.google.com/javazoom/jl/converter/Converter.html#convert(java.lang.String,%20java.lang.String,%20javazoom.jl.converter.Converter.ProgressListener)) - Method in class javazoom.jl.converter.[Converter](http://docs.google.com/javazoom/jl/converter/Converter.html)   [**convert(String, String, Converter.ProgressListener, Decoder.Params)**](http://docs.google.com/javazoom/jl/converter/Converter.html#convert(java.lang.String,%20java.lang.String,%20javazoom.jl.converter.Converter.ProgressListener,%20javazoom.jl.decoder.Decoder.Params)) - Method in class javazoom.jl.converter.[Converter](http://docs.google.com/javazoom/jl/converter/Converter.html)   [**convert(InputStream, String, Converter.ProgressListener, Decoder.Params)**](http://docs.google.com/javazoom/jl/converter/Converter.html#convert(java.io.InputStream,%20java.lang.String,%20javazoom.jl.converter.Converter.ProgressListener,%20javazoom.jl.decoder.Decoder.Params)) - Method in class javazoom.jl.converter.[Converter](http://docs.google.com/javazoom/jl/converter/Converter.html)   [**Converter**](http://docs.google.com/javazoom/jl/converter/Converter.html) - Class in [javazoom.jl.converter](http://docs.google.com/javazoom/jl/converter/package-summary.html)The Converter class implements the conversion of an MPEG audio file to a .WAV file.[**Converter()**](http://docs.google.com/javazoom/jl/converter/Converter.html#Converter()) - Constructor for class javazoom.jl.converter.[Converter](http://docs.google.com/javazoom/jl/converter/Converter.html) Creates a new converter instance. [**Converter.PrintWriterProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html) - Class in [javazoom.jl.converter](http://docs.google.com/javazoom/jl/converter/package-summary.html)Implementation of ProgressListener that writes notification text to a PrintWriter.[**Converter.PrintWriterProgressListener(PrintWriter, int)**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#Converter.PrintWriterProgressListener(java.io.PrintWriter,%20int)) - Constructor for class javazoom.jl.converter.[Converter.PrintWriterProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)   [**Converter.ProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) - Interface in [javazoom.jl.converter](http://docs.google.com/javazoom/jl/converter/package-summary.html)This interface is used by the Converter to provide notification of tasks being carried out by the converter, and to provide new information as it becomes available.[**converterException(Throwable)**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#converterException(java.lang.Throwable)) - Method in class javazoom.jl.converter.[Converter.PrintWriterProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)   [**converterException(Throwable)**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#converterException(java.lang.Throwable)) - Method in interface javazoom.jl.converter.[Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) Called when an exception is thrown during while converting a frame. [**converterUpdate(int, int, int)**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#converterUpdate(int,%20int,%20int)) - Method in class javazoom.jl.converter.[Converter.PrintWriterProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)   [**converterUpdate(int, int, int)**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#converterUpdate(int,%20int,%20int)) - Method in interface javazoom.jl.converter.[Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) Notifies the listener that new information is available. [**copyright()**](http://docs.google.com/javazoom/jl/decoder/Header.html#copyright()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Returns Copyright. [**countFrames(InputStream)**](http://docs.google.com/javazoom/jl/converter/Converter.html#countFrames(java.io.InputStream)) - Method in class javazoom.jl.converter.[Converter](http://docs.google.com/javazoom/jl/converter/Converter.html)   [**Crc16**](http://docs.google.com/javazoom/jl/decoder/Crc16.html) - Class in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)16-Bit CRC checksum[**Crc16()**](http://docs.google.com/javazoom/jl/decoder/Crc16.html#Crc16()) - Constructor for class javazoom.jl.decoder.[Crc16](http://docs.google.com/javazoom/jl/decoder/Crc16.html) Dummy Constructor [**createAudioDevice()**](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html#createAudioDevice()) - Method in class javazoom.jl.player.[AudioDeviceFactory](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) Creates a new AudioDevice. [**createAudioDevice()**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#createAudioDevice()) - Method in class javazoom.jl.player.[FactoryRegistry](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html)   [**createAudioDevice()**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html#createAudioDevice()) - Method in class javazoom.jl.player.[JavaSoundAudioDeviceFactory](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html)   [**createAudioDeviceImpl()**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html#createAudioDeviceImpl()) - Method in class javazoom.jl.player.[JavaSoundAudioDeviceFactory](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html)   [**createInstance(String[])**](http://docs.google.com/javazoom/jl/player/jlp.html#createInstance(java.lang.String%5B%5D)) - Static method in class javazoom.jl.player.[jlp](http://docs.google.com/javazoom/jl/player/jlp.html)   [**createPlayerThread()**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#createPlayerThread()) - Method in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) Creates a new thread used to run the audio player. [**createSource()**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#createSource()) - Method in class javazoom.jl.player.[JavaSoundAudioDevice](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)   [**CurrentFileMode()**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#CurrentFileMode()) - Method in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html) Return File Mode. [**CurrentFilePosition()**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#CurrentFilePosition()) - Method in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html) Return File Position. [**CurrentFilePosition()**](http://docs.google.com/javazoom/jl/converter/WaveFile.html#CurrentFilePosition()) - Method in class javazoom.jl.converter.[WaveFile](http://docs.google.com/javazoom/jl/converter/WaveFile.html)  

## **D**

[**DDC\_FAILURE**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_FAILURE) - Static variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**DDC\_FILE\_ERROR**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_FILE_ERROR) - Static variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**DDC\_INVALID\_CALL**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_INVALID_CALL) - Static variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**DDC\_INVALID\_FILE**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_INVALID_FILE) - Static variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**DDC\_OUT\_OF\_MEMORY**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_OUT_OF_MEMORY) - Static variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**DDC\_SUCCESS**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_SUCCESS) - Static variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**DDC\_USER\_ABORT**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_USER_ABORT) - Static variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**DEBUG\_DETAIL**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#DEBUG_DETAIL) - Static variable in class javazoom.jl.converter.[Converter.PrintWriterProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html) Debug detail. [**decodedFrame(int, Header, Obuffer)**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#decodedFrame(int,%20javazoom.jl.decoder.Header,%20javazoom.jl.decoder.Obuffer)) - Method in class javazoom.jl.converter.[Converter.PrintWriterProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)   [**decodedFrame(int, Header, Obuffer)**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#decodedFrame(int,%20javazoom.jl.decoder.Header,%20javazoom.jl.decoder.Obuffer)) - Method in interface javazoom.jl.converter.[Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) This method is called after a frame has been decoded. [**decodeFrame(Header, Bitstream)**](http://docs.google.com/javazoom/jl/decoder/Decoder.html#decodeFrame(javazoom.jl.decoder.Header,%20javazoom.jl.decoder.Bitstream)) - Method in class javazoom.jl.decoder.[Decoder](http://docs.google.com/javazoom/jl/decoder/Decoder.html) Decodes one frame from an MPEG audio bitstream. [**decodeFrame()**](http://docs.google.com/javazoom/jl/decoder/FrameDecoder.html#decodeFrame()) - Method in interface javazoom.jl.decoder.[FrameDecoder](http://docs.google.com/javazoom/jl/decoder/FrameDecoder.html) Decodes one frame of MPEG audio. [**decodeFrame()**](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#decodeFrame()) - Method in class javazoom.jl.player.advanced.[AdvancedPlayer](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) Decodes a single frame. [**decodeFrame()**](http://docs.google.com/javazoom/jl/player/Player.html#decodeFrame()) - Method in class javazoom.jl.player.[Player](http://docs.google.com/javazoom/jl/player/Player.html) Decodes a single frame. [**Decoder**](http://docs.google.com/javazoom/jl/decoder/Decoder.html) - Class in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)The Decoder class encapsulates the details of decoding an MPEG audio frame.[**Decoder()**](http://docs.google.com/javazoom/jl/decoder/Decoder.html#Decoder()) - Constructor for class javazoom.jl.decoder.[Decoder](http://docs.google.com/javazoom/jl/decoder/Decoder.html) Creates a new Decoder instance with default parameters. [**Decoder(Decoder.Params)**](http://docs.google.com/javazoom/jl/decoder/Decoder.html#Decoder(javazoom.jl.decoder.Decoder.Params)) - Constructor for class javazoom.jl.decoder.[Decoder](http://docs.google.com/javazoom/jl/decoder/Decoder.html) Creates a new Decoder instance with default parameters. [**Decoder.Params**](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html) - Class in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)The Params class presents the customizable aspects of the decoder.[**Decoder.Params()**](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html#Decoder.Params()) - Constructor for class javazoom.jl.decoder.[Decoder.Params](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html)   [**DECODER\_ERROR**](http://docs.google.com/javazoom/jl/decoder/JavaLayerErrors.html#DECODER_ERROR) - Static variable in interface javazoom.jl.decoder.[JavaLayerErrors](http://docs.google.com/javazoom/jl/decoder/JavaLayerErrors.html) The first decoder error code. [**DecoderErrors**](http://docs.google.com/javazoom/jl/decoder/DecoderErrors.html) - Interface in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)This interface provides constants describing the error codes used by the Decoder to indicate errors.[**DecoderException**](http://docs.google.com/javazoom/jl/decoder/DecoderException.html) - Exception in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)The DecoderException represents the class of errors that can occur when decoding MPEG audio.[**DecoderException(String, Throwable)**](http://docs.google.com/javazoom/jl/decoder/DecoderException.html#DecoderException(java.lang.String,%20java.lang.Throwable)) - Constructor for exception javazoom.jl.decoder.[DecoderException](http://docs.google.com/javazoom/jl/decoder/DecoderException.html)   [**DecoderException(int, Throwable)**](http://docs.google.com/javazoom/jl/decoder/DecoderException.html#DecoderException(int,%20java.lang.Throwable)) - Constructor for exception javazoom.jl.decoder.[DecoderException](http://docs.google.com/javazoom/jl/decoder/DecoderException.html)   [**deserialize(InputStream, Class)**](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#deserialize(java.io.InputStream,%20java.lang.Class)) - Static method in class javazoom.jl.decoder.[JavaLayerUtils](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html) Deserializes the object contained in the given input stream. [**deserialize(InputStream)**](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#deserialize(java.io.InputStream)) - Static method in class javazoom.jl.decoder.[JavaLayerUtils](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html) Deserializes an object from the given InputStream. [**deserializeArray(InputStream, Class, int)**](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#deserializeArray(java.io.InputStream,%20java.lang.Class,%20int)) - Static method in class javazoom.jl.decoder.[JavaLayerUtils](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html) Deserializes an array from a given InputStream. [**deserializeArrayResource(String, Class, int)**](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#deserializeArrayResource(java.lang.String,%20java.lang.Class,%20int)) - Static method in class javazoom.jl.decoder.[JavaLayerUtils](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html)   [**destroy()**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#destroy()) - Method in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html)   [**DOWNMIX**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#DOWNMIX) - Static variable in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html)   [**DOWNMIX\_CHANNELS**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#DOWNMIX_CHANNELS) - Static variable in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) Flag to indicate output is mono. [**DUAL\_CHANNEL**](http://docs.google.com/javazoom/jl/decoder/Header.html#DUAL_CHANNEL) - Static variable in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html)  

## **E**

[**Equalizer**](http://docs.google.com/javazoom/jl/decoder/Equalizer.html) - Class in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)The Equalizer class can be used to specify equalization settings for the MPEG audio decoder.[**Equalizer()**](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#Equalizer()) - Constructor for class javazoom.jl.decoder.[Equalizer](http://docs.google.com/javazoom/jl/decoder/Equalizer.html) Creates a new Equalizer instance. [**Equalizer(float[])**](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#Equalizer(float%5B%5D)) - Constructor for class javazoom.jl.decoder.[Equalizer](http://docs.google.com/javazoom/jl/decoder/Equalizer.html)   [**Equalizer(Equalizer.EQFunction)**](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#Equalizer(javazoom.jl.decoder.Equalizer.EQFunction)) - Constructor for class javazoom.jl.decoder.[Equalizer](http://docs.google.com/javazoom/jl/decoder/Equalizer.html)   [**Equalizer.EQFunction**](http://docs.google.com/javazoom/jl/decoder/Equalizer.EQFunction.html) - Class in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html) [**Equalizer.EQFunction()**](http://docs.google.com/javazoom/jl/decoder/Equalizer.EQFunction.html#Equalizer.EQFunction()) - Constructor for class javazoom.jl.decoder.[Equalizer.EQFunction](http://docs.google.com/javazoom/jl/decoder/Equalizer.EQFunction.html)   [**equals(Object)**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#equals(java.lang.Object)) - Method in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html)   [**Expect(String, int)**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Expect(java.lang.String,%20int)) - Method in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html) Expect NumBytes data. [**EXPERT\_DETAIL**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#EXPERT_DETAIL) - Static variable in class javazoom.jl.converter.[Converter.PrintWriterProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html) Level of detail typically expected of expert users.

## **F**

[**factories**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#factories) - Variable in class javazoom.jl.player.[FactoryRegistry](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html)   [**FactoryRegistry**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html) - Class in [javazoom.jl.player](http://docs.google.com/javazoom/jl/player/package-summary.html)The FactoryRegistry class stores the factories for all the audio device implementations available in the system.[**FactoryRegistry()**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#FactoryRegistry()) - Constructor for class javazoom.jl.player.[FactoryRegistry](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html)   [**file**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#file) - Variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**flush()**](http://docs.google.com/javazoom/jl/player/AudioDevice.html#flush()) - Method in interface javazoom.jl.player.[AudioDevice](http://docs.google.com/javazoom/jl/player/AudioDevice.html) Blocks until all audio samples previously written to this audio device have been heard. [**flush()**](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#flush()) - Method in class javazoom.jl.player.[AudioDeviceBase](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) Waits for any buffered audio samples to be played by the audio device. [**flushImpl()**](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#flushImpl()) - Method in class javazoom.jl.player.[AudioDeviceBase](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) Template method to provide the implementation for flushing any buffered audio data. [**flushImpl()**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#flushImpl()) - Method in class javazoom.jl.player.[JavaSoundAudioDevice](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)   [**fmode**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#fmode) - Variable in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html)   [**FourCC(String)**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#FourCC(java.lang.String)) - Static method in class javazoom.jl.converter.[RiffFile](http://docs.google.com/javazoom/jl/converter/RiffFile.html) Fill the header. [**FOURTYEIGHT**](http://docs.google.com/javazoom/jl/decoder/Header.html#FOURTYEIGHT) - Static variable in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html)   [**FOURTYFOUR\_POINT\_ONE**](http://docs.google.com/javazoom/jl/decoder/Header.html#FOURTYFOUR_POINT_ONE) - Static variable in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html)   [**FrameDecoder**](http://docs.google.com/javazoom/jl/decoder/FrameDecoder.html) - Interface in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)Implementations of FrameDecoder are responsible for decoding an MPEG audio frame.[**framesize**](http://docs.google.com/javazoom/jl/decoder/Header.html#framesize) - Variable in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html)   [**frequencies**](http://docs.google.com/javazoom/jl/decoder/Header.html#frequencies) - Static variable in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html)   [**frequency()**](http://docs.google.com/javazoom/jl/decoder/Header.html#frequency()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Returns Frequency. [**fromInt(int)**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#fromInt(int)) - Static method in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) Creates an OutputChannels instance corresponding to the given channel code.

## **G**

[**get\_bits(int)**](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#get_bits(int)) - Method in class javazoom.jl.decoder.[Bitstream](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) Read bits from buffer into the lower bits of an unsigned int. [**getAudioDevice()**](http://docs.google.com/javazoom/jl/player/jlp.html#getAudioDevice()) - Method in class javazoom.jl.player.[jlp](http://docs.google.com/javazoom/jl/player/jlp.html)   [**getAudioDevice()**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#getAudioDevice()) - Method in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) Retrieves the AudioDevice instance that will be used to sound the audio data. [**getAudioFileName()**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#getAudioFileName()) - Method in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html)   [**getAudioFormat()**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#getAudioFormat()) - Method in class javazoom.jl.player.[JavaSoundAudioDevice](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)   [**getAudioStream()**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#getAudioStream()) - Method in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) Retrieves the InputStream that provides the MPEG audio stream data. [**getAudioURL()**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#getAudioURL()) - Method in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html)   [**getBand(int)**](http://docs.google.com/javazoom/jl/decoder/Equalizer.EQFunction.html#getBand(int)) - Method in class javazoom.jl.decoder.[Equalizer.EQFunction](http://docs.google.com/javazoom/jl/decoder/Equalizer.EQFunction.html) Returns the setting of a band in the equalizer. [**getBand(int)**](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#getBand(int)) - Method in class javazoom.jl.decoder.[Equalizer](http://docs.google.com/javazoom/jl/decoder/Equalizer.html) Retrieves the eq setting for a given band. [**getBandCount()**](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#getBandCount()) - Method in class javazoom.jl.decoder.[Equalizer](http://docs.google.com/javazoom/jl/decoder/Equalizer.html) Retrieves the number of bands present in this equalizer. [**getBuffer()**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#getBuffer()) - Method in class javazoom.jl.decoder.[SampleBuffer](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html)   [**getBufferLength()**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#getBufferLength()) - Method in class javazoom.jl.decoder.[SampleBuffer](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html)   [**getByteArray(int)**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#getByteArray(int)) - Method in class javazoom.jl.player.[JavaSoundAudioDevice](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)   [**getChannelCount()**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#getChannelCount()) - Method in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) Retrieves the number of output channels represented by this channel output type. [**getChannelCount()**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#getChannelCount()) - Method in class javazoom.jl.decoder.[SampleBuffer](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html)   [**getChannelsOutputCode()**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#getChannelsOutputCode()) - Method in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) Retrieves the code representing the desired output channels. [**getDecoder()**](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#getDecoder()) - Method in class javazoom.jl.player.[AudioDeviceBase](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) Retrieves the decoder that provides audio data to this audio device. [**getDefaultParams()**](http://docs.google.com/javazoom/jl/decoder/Decoder.html#getDefaultParams()) - Static method in class javazoom.jl.decoder.[Decoder](http://docs.google.com/javazoom/jl/decoder/Decoder.html)   [**getErrorCode()**](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html#getErrorCode()) - Method in exception javazoom.jl.decoder.[BitstreamException](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html)   [**getErrorCode()**](http://docs.google.com/javazoom/jl/decoder/DecoderException.html#getErrorCode()) - Method in exception javazoom.jl.decoder.[DecoderException](http://docs.google.com/javazoom/jl/decoder/DecoderException.html)   [**getErrorString(int)**](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html#getErrorString(int)) - Static method in exception javazoom.jl.decoder.[BitstreamException](http://docs.google.com/javazoom/jl/decoder/BitstreamException.html)   [**getErrorString(int)**](http://docs.google.com/javazoom/jl/decoder/DecoderException.html#getErrorString(int)) - Static method in exception javazoom.jl.decoder.[DecoderException](http://docs.google.com/javazoom/jl/decoder/DecoderException.html)   [**getException()**](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html#getException()) - Method in exception javazoom.jl.decoder.[JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)   [**getFactoriesPriority()**](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#getFactoriesPriority()) - Method in class javazoom.jl.player.[FactoryRegistry](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html)   [**getFileName()**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#getFileName()) - Method in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html)   [**getFrame()**](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#getFrame()) - Method in class javazoom.jl.player.advanced.[PlaybackEvent](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)   [**getHook()**](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#getHook()) - Static method in class javazoom.jl.decoder.[JavaLayerUtils](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html)   [**getId()**](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#getId()) - Method in class javazoom.jl.player.advanced.[PlaybackEvent](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)   [**getInitialEqualizerSettings()**](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html#getInitialEqualizerSettings()) - Method in class javazoom.jl.decoder.[Decoder.Params](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html) Retrieves the equalizer settings that the decoder's equalizer will be initialized from. [**getInputStream()**](http://docs.google.com/javazoom/jl/player/jlp.html#getInputStream()) - Method in class javazoom.jl.player.[jlp](http://docs.google.com/javazoom/jl/player/jlp.html) Playing file from FileInputStream. [**getOutputBlockSize()**](http://docs.google.com/javazoom/jl/decoder/Decoder.html#getOutputBlockSize()) - Method in class javazoom.jl.decoder.[Decoder](http://docs.google.com/javazoom/jl/decoder/Decoder.html) Retrieves the maximum number of samples that will be written to the output buffer when one frame is decoded. [**getOutputChannels()**](http://docs.google.com/javazoom/jl/decoder/Decoder.html#getOutputChannels()) - Method in class javazoom.jl.decoder.[Decoder](http://docs.google.com/javazoom/jl/decoder/Decoder.html) Retrieves the number of channels of PCM samples output by this decoder. [**getOutputChannels()**](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html#getOutputChannels()) - Method in class javazoom.jl.decoder.[Decoder.Params](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html)   [**getOutputFrequency()**](http://docs.google.com/javazoom/jl/decoder/Decoder.html#getOutputFrequency()) - Method in class javazoom.jl.decoder.[Decoder](http://docs.google.com/javazoom/jl/decoder/Decoder.html) Retrieves the sample frequency of the PCM samples output by this decoder. [**getPlayBackListener()**](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#getPlayBackListener()) - Method in class javazoom.jl.player.advanced.[AdvancedPlayer](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) gets the PlaybackListener [**getPosition()**](http://docs.google.com/javazoom/jl/decoder/Control.html#getPosition()) - Method in interface javazoom.jl.decoder.[Control](http://docs.google.com/javazoom/jl/decoder/Control.html) Retrieves the current position. [**getPosition()**](http://docs.google.com/javazoom/jl/player/AudioDevice.html#getPosition()) - Method in interface javazoom.jl.player.[AudioDevice](http://docs.google.com/javazoom/jl/player/AudioDevice.html) Retrieves the current playback position in milliseconds. [**getPosition()**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#getPosition()) - Method in class javazoom.jl.player.[JavaSoundAudioDevice](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)   [**getPosition()**](http://docs.google.com/javazoom/jl/player/NullAudioDevice.html#getPosition()) - Method in class javazoom.jl.player.[NullAudioDevice](http://docs.google.com/javazoom/jl/player/NullAudioDevice.html)   [**getPosition()**](http://docs.google.com/javazoom/jl/player/Player.html#getPosition()) - Method in class javazoom.jl.player.[Player](http://docs.google.com/javazoom/jl/player/Player.html) Retrieves the position in milliseconds of the current audio sample being played. [**getRawID3v2()**](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#getRawID3v2()) - Method in class javazoom.jl.decoder.[Bitstream](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) Return raw ID3v2 frames + header. [**getResourceAsStream(String)**](http://docs.google.com/javazoom/jl/decoder/JavaLayerHook.html#getResourceAsStream(java.lang.String)) - Method in interface javazoom.jl.decoder.[JavaLayerHook](http://docs.google.com/javazoom/jl/decoder/JavaLayerHook.html) Retrieves the named resource. [**getResourceAsStream(String)**](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#getResourceAsStream(java.lang.String)) - Static method in class javazoom.jl.decoder.[JavaLayerUtils](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html) Retrieves an InputStream for a named resource. [**getSampleFrequency()**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#getSampleFrequency()) - Method in class javazoom.jl.decoder.[SampleBuffer](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html)   [**getSource()**](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#getSource()) - Method in class javazoom.jl.player.advanced.[PlaybackEvent](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)   [**getSourceLineInfo()**](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#getSourceLineInfo()) - Method in class javazoom.jl.player.[JavaSoundAudioDevice](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)   [**getSyncHeader()**](http://docs.google.com/javazoom/jl/decoder/Header.html#getSyncHeader()) - Method in class javazoom.jl.decoder.[Header](http://docs.google.com/javazoom/jl/decoder/Header.html) Returns synchronized header. [**getURLInputStream()**](http://docs.google.com/javazoom/jl/player/jlp.html#getURLInputStream()) - Method in class javazoom.jl.player.[jlp](http://docs.google.com/javazoom/jl/player/jlp.html) Playing file from URL (Streaming).

## **H**

[**hashCode()**](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#hashCode()) - Method in class javazoom.jl.decoder.[OutputChannels](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html)   [**Header**](http://docs.google.com/javazoom/jl/decoder/Header.html) - Class in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)Class for extracting information from a frame header.[**header\_pos()**](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#header_pos()) - Method in class javazoom.jl.decoder.[Bitstream](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) Return position of the first audio header.

## **I**

[**ILLEGAL\_SUBBAND\_ALLOCATION**](http://docs.google.com/javazoom/jl/decoder/DecoderErrors.html#ILLEGAL_SUBBAND_ALLOCATION) - Static variable in interface javazoom.jl.decoder.[DecoderErrors](http://docs.google.com/javazoom/jl/decoder/DecoderErrors.html) Illegal allocation in subband layer. [**init(String)**](http://docs.google.com/javazoom/jl/player/jlp.html#init(java.lang.String)) - Method in class javazoom.jl.player.[jlp](http://docs.google.com/javazoom/jl/player/jlp.html)   [**init()**](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#init()) - Method in class javazoom.jl.player.[PlayerApplet](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) Initializes this applet. [**InputStreamSource**](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html) - Class in [javazoom.jl.decoder](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*Work In Progress.*[***InputStreamSource(InputStream)***](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html#InputStreamSource(java.io.InputStream)) *- Constructor for class javazoom.jl.decoder.*[*InputStreamSource*](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html)[***instantiate(ClassLoader, String)***](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html#instantiate(java.lang.ClassLoader,%20java.lang.String)) *- Method in class javazoom.jl.player.*[*AudioDeviceFactory*](http://docs.google.com/javazoom/jl/player/AudioDeviceFactory.html) *Creates an instance of an AudioDevice implementation.* [***intensity\_stereo\_bound()***](http://docs.google.com/javazoom/jl/decoder/Header.html#intensity_stereo_bound()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Intensity Stereo.* [***INVALIDFRAME***](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html#INVALIDFRAME) *- Static variable in interface javazoom.jl.decoder.*[*BitstreamErrors*](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html) *Frame data are missing.* [***isComplete()***](http://docs.google.com/javazoom/jl/player/Player.html#isComplete()) *- Method in class javazoom.jl.player.*[*Player*](http://docs.google.com/javazoom/jl/player/Player.html) *Returns the completed status of this player.* [***isDetail(int)***](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#isDetail(int)) *- Method in class javazoom.jl.converter.*[*Converter.PrintWriterProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)[***isOpen()***](http://docs.google.com/javazoom/jl/player/AudioDevice.html#isOpen()) *- Method in interface javazoom.jl.player.*[*AudioDevice*](http://docs.google.com/javazoom/jl/player/AudioDevice.html) *Retrieves the open state of this audio device.* [***isOpen()***](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#isOpen()) *- Method in class javazoom.jl.player.*[*AudioDeviceBase*](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) *Determines if this audio device is open or not.* [***isPlaying()***](http://docs.google.com/javazoom/jl/decoder/Control.html#isPlaying()) *- Method in interface javazoom.jl.decoder.*[*Control*](http://docs.google.com/javazoom/jl/decoder/Control.html)[***isRandomAccess()***](http://docs.google.com/javazoom/jl/decoder/Control.html#isRandomAccess()) *- Method in interface javazoom.jl.decoder.*[*Control*](http://docs.google.com/javazoom/jl/decoder/Control.html)[***isSeekable()***](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html#isSeekable()) *- Method in class javazoom.jl.decoder.*[*InputStreamSource*](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html)[***isSeekable()***](http://docs.google.com/javazoom/jl/decoder/Source.html#isSeekable()) *- Method in interface javazoom.jl.decoder.*[*Source*](http://docs.google.com/javazoom/jl/decoder/Source.html)[***isSyncCurrentPosition(int)***](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#isSyncCurrentPosition(int)) *- Method in class javazoom.jl.decoder.*[*Bitstream*](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) *Determines if the next 4 bytes of the stream represent a frame header.* [***isSyncMark(int, int, int)***](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#isSyncMark(int,%20int,%20int)) *- Method in class javazoom.jl.decoder.*[*Bitstream*](http://docs.google.com/javazoom/jl/decoder/Bitstream.html)

## ***J***

[***JavaLayerError***](http://docs.google.com/javazoom/jl/decoder/JavaLayerError.html) *- Error in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*Work in progress.*[***JavaLayerError()***](http://docs.google.com/javazoom/jl/decoder/JavaLayerError.html#JavaLayerError()) *- Constructor for error javazoom.jl.decoder.*[*JavaLayerError*](http://docs.google.com/javazoom/jl/decoder/JavaLayerError.html)[***JavaLayerErrors***](http://docs.google.com/javazoom/jl/decoder/JavaLayerErrors.html) *- Interface in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*Exception erorr codes for components of the JavaLayer API.*[***JavaLayerException***](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html) *- Exception in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*The JavaLayerException is the base class for all API-level exceptions thrown by JavaLayer.*[***JavaLayerException()***](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html#JavaLayerException()) *- Constructor for exception javazoom.jl.decoder.*[*JavaLayerException*](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)[***JavaLayerException(String)***](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html#JavaLayerException(java.lang.String)) *- Constructor for exception javazoom.jl.decoder.*[*JavaLayerException*](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)[***JavaLayerException(String, Throwable)***](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html#JavaLayerException(java.lang.String,%20java.lang.Throwable)) *- Constructor for exception javazoom.jl.decoder.*[*JavaLayerException*](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)[***JavaLayerHook***](http://docs.google.com/javazoom/jl/decoder/JavaLayerHook.html) *- Interface in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*The JavaLayerHooks class allows developers to change the way the JavaLayer library uses Resources.*[***JavaLayerUtils***](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html) *- Class in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*The JavaLayerUtils class is not strictly part of the JavaLayer API.*[***JavaLayerUtils()***](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#JavaLayerUtils()) *- Constructor for class javazoom.jl.decoder.*[*JavaLayerUtils*](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html)[***JavaSoundAudioDevice***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html) *- Class in* [*javazoom.jl.player*](http://docs.google.com/javazoom/jl/player/package-summary.html)*The JavaSoundAudioDevice implements an audio device by using the JavaSound API.*[***JavaSoundAudioDevice()***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#JavaSoundAudioDevice()) *- Constructor for class javazoom.jl.player.*[*JavaSoundAudioDevice*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)[***JavaSoundAudioDeviceFactory***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html) *- Class in* [*javazoom.jl.player*](http://docs.google.com/javazoom/jl/player/package-summary.html)*This class is responsible for creating instances of the JavaSoundAudioDevice.*[***JavaSoundAudioDeviceFactory()***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html#JavaSoundAudioDeviceFactory()) *- Constructor for class javazoom.jl.player.*[*JavaSoundAudioDeviceFactory*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html)[***javazoom.jl.converter***](http://docs.google.com/javazoom/jl/converter/package-summary.html) *- package javazoom.jl.converter*[***javazoom.jl.decoder***](http://docs.google.com/javazoom/jl/decoder/package-summary.html) *- package javazoom.jl.decoder*[***javazoom.jl.player***](http://docs.google.com/javazoom/jl/player/package-summary.html) *- package javazoom.jl.player*[***javazoom.jl.player.advanced***](http://docs.google.com/javazoom/jl/player/advanced/package-summary.html) *- package javazoom.jl.player.advanced*[***jlap***](http://docs.google.com/javazoom/jl/player/advanced/jlap.html) *- Class in* [*javazoom.jl.player.advanced*](http://docs.google.com/javazoom/jl/player/advanced/package-summary.html)*This class implements a sample player using Playback listener.*[***jlap()***](http://docs.google.com/javazoom/jl/player/advanced/jlap.html#jlap()) *- Constructor for class javazoom.jl.player.advanced.*[*jlap*](http://docs.google.com/javazoom/jl/player/advanced/jlap.html)[***jlap.InfoListener***](http://docs.google.com/javazoom/jl/player/advanced/jlap.InfoListener.html) *- Class in* [*javazoom.jl.player.advanced*](http://docs.google.com/javazoom/jl/player/advanced/package-summary.html)[***jlap.InfoListener()***](http://docs.google.com/javazoom/jl/player/advanced/jlap.InfoListener.html#jlap.InfoListener()) *- Constructor for class javazoom.jl.player.advanced.*[*jlap.InfoListener*](http://docs.google.com/javazoom/jl/player/advanced/jlap.InfoListener.html)[***jlc***](http://docs.google.com/javazoom/jl/converter/jlc.html) *- Class in* [*javazoom.jl.converter*](http://docs.google.com/javazoom/jl/converter/package-summary.html)*The jlc class presents the JavaLayer Conversion functionality as a command-line program.*[***jlc()***](http://docs.google.com/javazoom/jl/converter/jlc.html#jlc()) *- Constructor for class javazoom.jl.converter.*[*jlc*](http://docs.google.com/javazoom/jl/converter/jlc.html)[***jlp***](http://docs.google.com/javazoom/jl/player/jlp.html) *- Class in* [*javazoom.jl.player*](http://docs.google.com/javazoom/jl/player/package-summary.html)*The jlp class implements a simple command-line player for MPEG audio files.*[***jlp(String)***](http://docs.google.com/javazoom/jl/player/jlp.html#jlp(java.lang.String)) *- Constructor for class javazoom.jl.player.*[*jlp*](http://docs.google.com/javazoom/jl/player/jlp.html)[***JOINT\_STEREO***](http://docs.google.com/javazoom/jl/decoder/Header.html#JOINT_STEREO) *- Static variable in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html)

## ***L***

[***layer()***](http://docs.google.com/javazoom/jl/decoder/Header.html#layer()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Layer ID.* [***layer\_string()***](http://docs.google.com/javazoom/jl/decoder/Header.html#layer_string()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Return Layer version.* [***LEFT***](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#LEFT) *- Static variable in class javazoom.jl.decoder.*[*OutputChannels*](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html)[***LEFT\_CHANNEL***](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#LEFT_CHANNEL) *- Static variable in class javazoom.jl.decoder.*[*OutputChannels*](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) *Flag to indicate output should include the left channel only.* [***length()***](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html#length()) *- Method in class javazoom.jl.decoder.*[*InputStreamSource*](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html)[***length()***](http://docs.google.com/javazoom/jl/decoder/Source.html#length()) *- Method in interface javazoom.jl.decoder.*[*Source*](http://docs.google.com/javazoom/jl/decoder/Source.html)[***LENGTH\_UNKNOWN***](http://docs.google.com/javazoom/jl/decoder/Source.html#LENGTH_UNKNOWN) *- Static variable in interface javazoom.jl.decoder.*[*Source*](http://docs.google.com/javazoom/jl/decoder/Source.html)

## ***M***

[***main(String[])***](http://docs.google.com/javazoom/jl/converter/jlc.html#main(java.lang.String%5B%5D)) *- Static method in class javazoom.jl.converter.*[*jlc*](http://docs.google.com/javazoom/jl/converter/jlc.html)[***main(String[])***](http://docs.google.com/javazoom/jl/player/advanced/jlap.html#main(java.lang.String%5B%5D)) *- Static method in class javazoom.jl.player.advanced.*[*jlap*](http://docs.google.com/javazoom/jl/player/advanced/jlap.html)[***main(String[])***](http://docs.google.com/javazoom/jl/player/jlp.html#main(java.lang.String%5B%5D)) *- Static method in class javazoom.jl.player.*[*jlp*](http://docs.google.com/javazoom/jl/player/jlp.html)[***Manager***](http://docs.google.com/javazoom/jl/decoder/Manager.html) *- Class in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*Work in progress.*[***Manager()***](http://docs.google.com/javazoom/jl/decoder/Manager.html#Manager()) *- Constructor for class javazoom.jl.decoder.*[*Manager*](http://docs.google.com/javazoom/jl/decoder/Manager.html)[***MAX\_DETAIL***](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#MAX_DETAIL) *- Static variable in class javazoom.jl.converter.*[*Converter.PrintWriterProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)[***max\_number\_of\_frames(int)***](http://docs.google.com/javazoom/jl/decoder/Header.html#max_number_of_frames(int)) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns the maximum number of frames in the stream.* [***MAX\_WAVE\_CHANNELS***](http://docs.google.com/javazoom/jl/converter/WaveFile.html#MAX_WAVE_CHANNELS) *- Static variable in class javazoom.jl.converter.*[*WaveFile*](http://docs.google.com/javazoom/jl/converter/WaveFile.html)[***MAXCHANNELS***](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#MAXCHANNELS) *- Static variable in class javazoom.jl.decoder.*[*Obuffer*](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)[***millisecondsToBytes(AudioFormat, int)***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#millisecondsToBytes(javax.sound.sampled.AudioFormat,%20int)) *- Method in class javazoom.jl.player.*[*JavaSoundAudioDevice*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)[***min\_number\_of\_frames(int)***](http://docs.google.com/javazoom/jl/decoder/Header.html#min_number_of_frames(int)) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns the maximum number of frames in the stream.* [***mode()***](http://docs.google.com/javazoom/jl/decoder/Header.html#mode()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Mode.* [***mode\_extension()***](http://docs.google.com/javazoom/jl/decoder/Header.html#mode_extension()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Mode Extension.* [***mode\_string()***](http://docs.google.com/javazoom/jl/decoder/Header.html#mode_string()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Mode.* [***MPEG1***](http://docs.google.com/javazoom/jl/decoder/Header.html#MPEG1) *- Static variable in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Constant for MPEG-1 version* [***MPEG25\_LSF***](http://docs.google.com/javazoom/jl/decoder/Header.html#MPEG25_LSF) *- Static variable in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html)[***MPEG2\_LSF***](http://docs.google.com/javazoom/jl/decoder/Header.html#MPEG2_LSF) *- Static variable in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Constant for MPEG-2 LSF version* [***ms\_per\_frame()***](http://docs.google.com/javazoom/jl/decoder/Header.html#ms_per_frame()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns ms/frame.*

## ***N***

[***newBitstreamException(int)***](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#newBitstreamException(int)) *- Method in class javazoom.jl.decoder.*[*Bitstream*](http://docs.google.com/javazoom/jl/decoder/Bitstream.html)[***newBitstreamException(int, Throwable)***](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#newBitstreamException(int,%20java.lang.Throwable)) *- Method in class javazoom.jl.decoder.*[*Bitstream*](http://docs.google.com/javazoom/jl/decoder/Bitstream.html)[***newDecoderException(int)***](http://docs.google.com/javazoom/jl/decoder/Decoder.html#newDecoderException(int)) *- Method in class javazoom.jl.decoder.*[*Decoder*](http://docs.google.com/javazoom/jl/decoder/Decoder.html)[***newDecoderException(int, Throwable)***](http://docs.google.com/javazoom/jl/decoder/Decoder.html#newDecoderException(int,%20java.lang.Throwable)) *- Method in class javazoom.jl.decoder.*[*Decoder*](http://docs.google.com/javazoom/jl/decoder/Decoder.html)[***newStdOut(int)***](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#newStdOut(int)) *- Static method in class javazoom.jl.converter.*[*Converter.PrintWriterProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)[***NO\_DETAIL***](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#NO_DETAIL) *- Static variable in class javazoom.jl.converter.*[*Converter.PrintWriterProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)[***nSlots***](http://docs.google.com/javazoom/jl/decoder/Header.html#nSlots) *- Variable in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html)[***NullAudioDevice***](http://docs.google.com/javazoom/jl/player/NullAudioDevice.html) *- Class in* [*javazoom.jl.player*](http://docs.google.com/javazoom/jl/player/package-summary.html)*The NullAudioDevice implements a silent, no-op audio device.*[***NullAudioDevice()***](http://docs.google.com/javazoom/jl/player/NullAudioDevice.html#NullAudioDevice()) *- Constructor for class javazoom.jl.player.*[*NullAudioDevice*](http://docs.google.com/javazoom/jl/player/NullAudioDevice.html)[***number\_of\_subbands()***](http://docs.google.com/javazoom/jl/decoder/Header.html#number_of_subbands()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns the number of subbands in the current frame.* [***NumChannels()***](http://docs.google.com/javazoom/jl/converter/WaveFile.html#NumChannels()) *- Method in class javazoom.jl.converter.*[*WaveFile*](http://docs.google.com/javazoom/jl/converter/WaveFile.html)[***NumSamples()***](http://docs.google.com/javazoom/jl/converter/WaveFile.html#NumSamples()) *- Method in class javazoom.jl.converter.*[*WaveFile*](http://docs.google.com/javazoom/jl/converter/WaveFile.html)

## ***O***

[***Obuffer***](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) *- Class in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*Base Class for audio output.*[***Obuffer()***](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#Obuffer()) *- Constructor for class javazoom.jl.decoder.*[*Obuffer*](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)[***OBUFFERSIZE***](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#OBUFFERSIZE) *- Static variable in class javazoom.jl.decoder.*[*Obuffer*](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)[***Open(String, int)***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Open(java.lang.String,%20int)) *- Method in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Open a RIFF file.* [***open(Decoder)***](http://docs.google.com/javazoom/jl/player/AudioDevice.html#open(javazoom.jl.decoder.Decoder)) *- Method in interface javazoom.jl.player.*[*AudioDevice*](http://docs.google.com/javazoom/jl/player/AudioDevice.html) *Prepares the AudioDevice for playback of audio samples.* [***open(Decoder)***](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#open(javazoom.jl.decoder.Decoder)) *- Method in class javazoom.jl.player.*[*AudioDeviceBase*](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) *Opens this audio device.* [***open(AudioFormat)***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#open(javax.sound.sampled.AudioFormat)) *- Method in class javazoom.jl.player.*[*JavaSoundAudioDevice*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)[***OpenForWrite(String, int, short, short)***](http://docs.google.com/javazoom/jl/converter/WaveFile.html#OpenForWrite(java.lang.String,%20int,%20short,%20short)) *- Method in class javazoom.jl.converter.*[*WaveFile*](http://docs.google.com/javazoom/jl/converter/WaveFile.html)[***OpenForWrite(String, WaveFile)***](http://docs.google.com/javazoom/jl/converter/WaveFile.html#OpenForWrite(java.lang.String,%20javazoom.jl.converter.WaveFile)) *- Method in class javazoom.jl.converter.*[*WaveFile*](http://docs.google.com/javazoom/jl/converter/WaveFile.html) *Open for write using another wave file's parameters...* [***openImpl()***](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#openImpl()) *- Method in class javazoom.jl.player.*[*AudioDeviceBase*](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) *Template method to provide the implementation for the opening of the audio device.* [***openImpl()***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#openImpl()) *- Method in class javazoom.jl.player.*[*JavaSoundAudioDevice*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)[***openInput(String)***](http://docs.google.com/javazoom/jl/converter/Converter.html#openInput(java.lang.String)) *- Method in class javazoom.jl.converter.*[*Converter*](http://docs.google.com/javazoom/jl/converter/Converter.html)[***original()***](http://docs.google.com/javazoom/jl/decoder/Header.html#original()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Original.* [***OutputChannels***](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) *- Class in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*A Type-safe representation of the the supported output channel constants.*

## ***P***

[***padding()***](http://docs.google.com/javazoom/jl/decoder/Header.html#padding()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Layer III Padding bit.* [***parseArgs(String[])***](http://docs.google.com/javazoom/jl/player/jlp.html#parseArgs(java.lang.String%5B%5D)) *- Method in class javazoom.jl.player.*[*jlp*](http://docs.google.com/javazoom/jl/player/jlp.html)[***parsedFrame(int, Header)***](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#parsedFrame(int,%20javazoom.jl.decoder.Header)) *- Method in class javazoom.jl.converter.*[*Converter.PrintWriterProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)[***parsedFrame(int, Header)***](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#parsedFrame(int,%20javazoom.jl.decoder.Header)) *- Method in interface javazoom.jl.converter.*[*Converter.ProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) *If the converter wishes to make a first pass over the audio frames, this is called as each frame is parsed.* [***PASS\_THRU\_EQ***](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#PASS_THRU_EQ) *- Static variable in class javazoom.jl.decoder.*[*Equalizer*](http://docs.google.com/javazoom/jl/decoder/Equalizer.html)[***pause()***](http://docs.google.com/javazoom/jl/decoder/Control.html#pause()) *- Method in interface javazoom.jl.decoder.*[*Control*](http://docs.google.com/javazoom/jl/decoder/Control.html)[***play()***](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#play()) *- Method in class javazoom.jl.player.advanced.*[*AdvancedPlayer*](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html)[***play(int)***](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#play(int)) *- Method in class javazoom.jl.player.advanced.*[*AdvancedPlayer*](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) *Plays a number of MPEG audio frames.* [***play(int, int)***](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#play(int,%20int)) *- Method in class javazoom.jl.player.advanced.*[*AdvancedPlayer*](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) *Plays a range of MPEG audio frames* [***play(String)***](http://docs.google.com/javazoom/jl/player/advanced/jlap.html#play(java.lang.String)) *- Method in class javazoom.jl.player.advanced.*[*jlap*](http://docs.google.com/javazoom/jl/player/advanced/jlap.html)[***play()***](http://docs.google.com/javazoom/jl/player/jlp.html#play()) *- Method in class javazoom.jl.player.*[*jlp*](http://docs.google.com/javazoom/jl/player/jlp.html)[***play()***](http://docs.google.com/javazoom/jl/player/Player.html#play()) *- Method in class javazoom.jl.player.*[*Player*](http://docs.google.com/javazoom/jl/player/Player.html)[***play(int)***](http://docs.google.com/javazoom/jl/player/Player.html#play(int)) *- Method in class javazoom.jl.player.*[*Player*](http://docs.google.com/javazoom/jl/player/Player.html) *Plays a number of MPEG audio frames.* [***play(InputStream, AudioDevice)***](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#play(java.io.InputStream,%20javazoom.jl.player.AudioDevice)) *- Method in class javazoom.jl.player.*[*PlayerApplet*](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) *Decompresses audio data from an InputStream and plays it back through an AudioDevice.* [***PlaybackEvent***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html) *- Class in* [*javazoom.jl.player.advanced*](http://docs.google.com/javazoom/jl/player/advanced/package-summary.html)*An event which indicates a Player has performed an 'playback action'*[***PlaybackEvent(AdvancedPlayer, int, int)***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#PlaybackEvent(javazoom.jl.player.advanced.AdvancedPlayer,%20int,%20int)) *- Constructor for class javazoom.jl.player.advanced.*[*PlaybackEvent*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)[***playbackFinished(PlaybackEvent)***](http://docs.google.com/javazoom/jl/player/advanced/jlap.InfoListener.html#playbackFinished(javazoom.jl.player.advanced.PlaybackEvent)) *- Method in class javazoom.jl.player.advanced.*[*jlap.InfoListener*](http://docs.google.com/javazoom/jl/player/advanced/jlap.InfoListener.html)[***playbackFinished(PlaybackEvent)***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackListener.html#playbackFinished(javazoom.jl.player.advanced.PlaybackEvent)) *- Method in class javazoom.jl.player.advanced.*[*PlaybackListener*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackListener.html)[***PlaybackListener***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackListener.html) *- Class in* [*javazoom.jl.player.advanced*](http://docs.google.com/javazoom/jl/player/advanced/package-summary.html)*Listener for javalayer Player playback*[***PlaybackListener()***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackListener.html#PlaybackListener()) *- Constructor for class javazoom.jl.player.advanced.*[*PlaybackListener*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackListener.html)[***playbackStarted(PlaybackEvent)***](http://docs.google.com/javazoom/jl/player/advanced/jlap.InfoListener.html#playbackStarted(javazoom.jl.player.advanced.PlaybackEvent)) *- Method in class javazoom.jl.player.advanced.*[*jlap.InfoListener*](http://docs.google.com/javazoom/jl/player/advanced/jlap.InfoListener.html)[***playbackStarted(PlaybackEvent)***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackListener.html#playbackStarted(javazoom.jl.player.advanced.PlaybackEvent)) *- Method in class javazoom.jl.player.advanced.*[*PlaybackListener*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackListener.html)[***Player***](http://docs.google.com/javazoom/jl/player/Player.html) *- Class in* [*javazoom.jl.player*](http://docs.google.com/javazoom/jl/player/package-summary.html)*The Player class implements a simple player for playback of an MPEG audio stream.*[***Player(InputStream)***](http://docs.google.com/javazoom/jl/player/Player.html#Player(java.io.InputStream)) *- Constructor for class javazoom.jl.player.*[*Player*](http://docs.google.com/javazoom/jl/player/Player.html) *Creates a new Player instance.* [***Player(InputStream, AudioDevice)***](http://docs.google.com/javazoom/jl/player/Player.html#Player(java.io.InputStream,%20javazoom.jl.player.AudioDevice)) *- Constructor for class javazoom.jl.player.*[*Player*](http://docs.google.com/javazoom/jl/player/Player.html)[***PlayerApplet***](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) *- Class in* [*javazoom.jl.player*](http://docs.google.com/javazoom/jl/player/package-summary.html)*A simple applet that plays an MPEG audio file.*[***PlayerApplet()***](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#PlayerApplet()) *- Constructor for class javazoom.jl.player.*[*PlayerApplet*](http://docs.google.com/javazoom/jl/player/PlayerApplet.html)[***playMp3(File, PlaybackListener)***](http://docs.google.com/javazoom/jl/player/advanced/jlap.html#playMp3(java.io.File,%20javazoom.jl.player.advanced.PlaybackListener)) *- Static method in class javazoom.jl.player.advanced.*[*jlap*](http://docs.google.com/javazoom/jl/player/advanced/jlap.html)[***playMp3(File, int, int, PlaybackListener)***](http://docs.google.com/javazoom/jl/player/advanced/jlap.html#playMp3(java.io.File,%20int,%20int,%20javazoom.jl.player.advanced.PlaybackListener)) *- Static method in class javazoom.jl.player.advanced.*[*jlap*](http://docs.google.com/javazoom/jl/player/advanced/jlap.html)[***playMp3(InputStream, int, int, PlaybackListener)***](http://docs.google.com/javazoom/jl/player/advanced/jlap.html#playMp3(java.io.InputStream,%20int,%20int,%20javazoom.jl.player.advanced.PlaybackListener)) *- Static method in class javazoom.jl.player.advanced.*[*jlap*](http://docs.google.com/javazoom/jl/player/advanced/jlap.html)[***printStackTrace()***](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html#printStackTrace()) *- Method in exception javazoom.jl.decoder.*[*JavaLayerException*](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)[***printStackTrace(PrintStream)***](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html#printStackTrace(java.io.PrintStream)) *- Method in exception javazoom.jl.decoder.*[*JavaLayerException*](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

## ***R***

[***Read(byte[], int)***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Read(byte%5B%5D,%20int)) *- Method in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Read NumBytes data.* [***read(byte[], int, int)***](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html#read(byte%5B%5D,%20int,%20int)) *- Method in class javazoom.jl.decoder.*[*InputStreamSource*](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html)[***read(byte[], int, int)***](http://docs.google.com/javazoom/jl/decoder/Source.html#read(byte%5B%5D,%20int,%20int)) *- Method in interface javazoom.jl.decoder.*[*Source*](http://docs.google.com/javazoom/jl/decoder/Source.html)[***readBits(int)***](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#readBits(int)) *- Method in class javazoom.jl.decoder.*[*Bitstream*](http://docs.google.com/javazoom/jl/decoder/Bitstream.html)[***readCheckedBits(int)***](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#readCheckedBits(int)) *- Method in class javazoom.jl.decoder.*[*Bitstream*](http://docs.google.com/javazoom/jl/decoder/Bitstream.html)[***readFrame(int, Header)***](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#readFrame(int,%20javazoom.jl.decoder.Header)) *- Method in class javazoom.jl.converter.*[*Converter.PrintWriterProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)[***readFrame(int, Header)***](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#readFrame(int,%20javazoom.jl.decoder.Header)) *- Method in interface javazoom.jl.converter.*[*Converter.ProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) *This method is called after each frame has been read, but before it has been decoded.* [***readFrame()***](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#readFrame()) *- Method in class javazoom.jl.decoder.*[*Bitstream*](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) *Reads and parses the next frame from the input source.* [***registerDefaultFactories()***](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#registerDefaultFactories()) *- Method in class javazoom.jl.player.*[*FactoryRegistry*](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html)[***removeAll()***](http://docs.google.com/javazoom/jl/decoder/Manager.html#removeAll()) *- Method in class javazoom.jl.decoder.*[*Manager*](http://docs.google.com/javazoom/jl/decoder/Manager.html)[***removeControl(Control)***](http://docs.google.com/javazoom/jl/decoder/Manager.html#removeControl(javazoom.jl.decoder.Control)) *- Method in class javazoom.jl.decoder.*[*Manager*](http://docs.google.com/javazoom/jl/decoder/Manager.html)[***removeFactory(AudioDeviceFactory)***](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#removeFactory(javazoom.jl.player.AudioDeviceFactory)) *- Method in class javazoom.jl.player.*[*FactoryRegistry*](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html)[***removeFactoryType(Class)***](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#removeFactoryType(java.lang.Class)) *- Method in class javazoom.jl.player.*[*FactoryRegistry*](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html)[***reset()***](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#reset()) *- Method in class javazoom.jl.decoder.*[*Equalizer*](http://docs.google.com/javazoom/jl/decoder/Equalizer.html) *Sets all bands to 0.0* [***retrieveDecoder(Header, Bitstream, int)***](http://docs.google.com/javazoom/jl/decoder/Decoder.html#retrieveDecoder(javazoom.jl.decoder.Header,%20javazoom.jl.decoder.Bitstream,%20int)) *- Method in class javazoom.jl.decoder.*[*Decoder*](http://docs.google.com/javazoom/jl/decoder/Decoder.html)[***RFM\_READ***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#RFM_READ) *- Static variable in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html)[***RFM\_UNKNOWN***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#RFM_UNKNOWN) *- Static variable in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html)[***RFM\_WRITE***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#RFM_WRITE) *- Static variable in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html)[***RiffFile***](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *- Class in* [*javazoom.jl.converter*](http://docs.google.com/javazoom/jl/converter/package-summary.html)*Class to manage RIFF files*[***RiffFile()***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#RiffFile()) *- Constructor for class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Dummy Constructor* [***RIGHT***](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#RIGHT) *- Static variable in class javazoom.jl.decoder.*[*OutputChannels*](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html)[***RIGHT\_CHANNEL***](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html#RIGHT_CHANNEL) *- Static variable in class javazoom.jl.decoder.*[*OutputChannels*](http://docs.google.com/javazoom/jl/decoder/OutputChannels.html) *Flag to indicate output should include the right channel only.* [***run()***](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#run()) *- Method in class javazoom.jl.player.*[*PlayerApplet*](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) *The run method for the audio player thread.*

## ***S***

[***sample\_frequency()***](http://docs.google.com/javazoom/jl/decoder/Header.html#sample_frequency()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Sample Frequency.* [***sample\_frequency\_string()***](http://docs.google.com/javazoom/jl/decoder/Header.html#sample_frequency_string()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Frequency* [***SampleBuffer***](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html) *- Class in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*The SampleBuffer class implements an output buffer that provides storage for a fixed size block of samples.*[***SampleBuffer(int, int)***](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#SampleBuffer(int,%20int)) *- Constructor for class javazoom.jl.decoder.*[*SampleBuffer*](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html) *Constructor* [***SamplingRate()***](http://docs.google.com/javazoom/jl/converter/WaveFile.html#SamplingRate()) *- Method in class javazoom.jl.converter.*[*WaveFile*](http://docs.google.com/javazoom/jl/converter/WaveFile.html)[***Seek(long)***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Seek(long)) *- Method in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Seek in the File.* [***seek(long)***](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html#seek(long)) *- Method in class javazoom.jl.decoder.*[*InputStreamSource*](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html)[***seek(long)***](http://docs.google.com/javazoom/jl/decoder/Source.html#seek(long)) *- Method in interface javazoom.jl.decoder.*[*Source*](http://docs.google.com/javazoom/jl/decoder/Source.html)[***serialize(OutputStream, Object)***](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#serialize(java.io.OutputStream,%20java.lang.Object)) *- Static method in class javazoom.jl.decoder.*[*JavaLayerUtils*](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html)[***set\_stop\_flag()***](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html#set_stop_flag()) *- Method in class javazoom.jl.converter.*[*WaveFileObuffer*](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html)[***set\_stop\_flag()***](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#set_stop_flag()) *- Method in class javazoom.jl.decoder.*[*Obuffer*](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) *Notify the buffer that the user has stopped the stream.* [***set\_stop\_flag()***](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#set_stop_flag()) *- Method in class javazoom.jl.decoder.*[*SampleBuffer*](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html)[***setAudioFormat(AudioFormat)***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#setAudioFormat(javax.sound.sampled.AudioFormat)) *- Method in class javazoom.jl.player.*[*JavaSoundAudioDevice*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)[***setBand(int, float)***](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#setBand(int,%20float)) *- Method in class javazoom.jl.decoder.*[*Equalizer*](http://docs.google.com/javazoom/jl/decoder/Equalizer.html)[***setEqualizer(Equalizer)***](http://docs.google.com/javazoom/jl/decoder/Decoder.html#setEqualizer(javazoom.jl.decoder.Equalizer)) *- Method in class javazoom.jl.decoder.*[*Decoder*](http://docs.google.com/javazoom/jl/decoder/Decoder.html)[***setFileName(String)***](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#setFileName(java.lang.String)) *- Method in class javazoom.jl.player.*[*PlayerApplet*](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) *Sets the URL of the audio stream to play.* [***setFrame(int)***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#setFrame(int)) *- Method in class javazoom.jl.player.advanced.*[*PlaybackEvent*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)[***setFrom(float[])***](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#setFrom(float%5B%5D)) *- Method in class javazoom.jl.decoder.*[*Equalizer*](http://docs.google.com/javazoom/jl/decoder/Equalizer.html)[***setFrom(Equalizer.EQFunction)***](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#setFrom(javazoom.jl.decoder.Equalizer.EQFunction)) *- Method in class javazoom.jl.decoder.*[*Equalizer*](http://docs.google.com/javazoom/jl/decoder/Equalizer.html)[***setFrom(Equalizer)***](http://docs.google.com/javazoom/jl/decoder/Equalizer.html#setFrom(javazoom.jl.decoder.Equalizer)) *- Method in class javazoom.jl.decoder.*[*Equalizer*](http://docs.google.com/javazoom/jl/decoder/Equalizer.html) *Sets the bands of this equalizer to the value the bands of another equalizer.* [***setHook(JavaLayerHook)***](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html#setHook(javazoom.jl.decoder.JavaLayerHook)) *- Static method in class javazoom.jl.decoder.*[*JavaLayerUtils*](http://docs.google.com/javazoom/jl/decoder/JavaLayerUtils.html) *Sets the system-wide JavaLayer hook.* [***setId(int)***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#setId(int)) *- Method in class javazoom.jl.player.advanced.*[*PlaybackEvent*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)[***setOpen(boolean)***](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#setOpen(boolean)) *- Method in class javazoom.jl.player.*[*AudioDeviceBase*](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) *Sets the open state for this audio device.* [***setOutputBuffer(Obuffer)***](http://docs.google.com/javazoom/jl/decoder/Decoder.html#setOutputBuffer(javazoom.jl.decoder.Obuffer)) *- Method in class javazoom.jl.decoder.*[*Decoder*](http://docs.google.com/javazoom/jl/decoder/Decoder.html) *Changes the output buffer.* [***setOutputChannels(OutputChannels)***](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html#setOutputChannels(javazoom.jl.decoder.OutputChannels)) *- Method in class javazoom.jl.decoder.*[*Decoder.Params*](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html)[***setPlayBackListener(PlaybackListener)***](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#setPlayBackListener(javazoom.jl.player.advanced.PlaybackListener)) *- Method in class javazoom.jl.player.advanced.*[*AdvancedPlayer*](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) *sets the PlaybackListener* [***setPosition(double)***](http://docs.google.com/javazoom/jl/decoder/Control.html#setPosition(double)) *- Method in interface javazoom.jl.decoder.*[*Control*](http://docs.google.com/javazoom/jl/decoder/Control.html)[***setSource(AdvancedPlayer)***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#setSource(javazoom.jl.player.advanced.AdvancedPlayer)) *- Method in class javazoom.jl.player.advanced.*[*PlaybackEvent*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)[***showUsage()***](http://docs.google.com/javazoom/jl/player/advanced/jlap.html#showUsage()) *- Method in class javazoom.jl.player.advanced.*[*jlap*](http://docs.google.com/javazoom/jl/player/advanced/jlap.html)[***showUsage()***](http://docs.google.com/javazoom/jl/player/jlp.html#showUsage()) *- Method in class javazoom.jl.player.*[*jlp*](http://docs.google.com/javazoom/jl/player/jlp.html)[***SINGLE\_CHANNEL***](http://docs.google.com/javazoom/jl/decoder/Header.html#SINGLE_CHANNEL) *- Static variable in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html)[***skipFrame()***](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#skipFrame()) *- Method in class javazoom.jl.player.advanced.*[*AdvancedPlayer*](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) *skips over a single frame* [***slots()***](http://docs.google.com/javazoom/jl/decoder/Header.html#slots()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Slots.* [***Source***](http://docs.google.com/javazoom/jl/decoder/Source.html) *- Interface in* [*javazoom.jl.decoder*](http://docs.google.com/javazoom/jl/decoder/package-summary.html)*Work in progress.*[***start()***](http://docs.google.com/javazoom/jl/decoder/Control.html#start()) *- Method in interface javazoom.jl.decoder.*[*Control*](http://docs.google.com/javazoom/jl/decoder/Control.html) *Starts playback of the media presented by this control.* [***start()***](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#start()) *- Method in class javazoom.jl.player.*[*PlayerApplet*](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) *Starts this applet.* [***STARTED***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#STARTED) *- Static variable in class javazoom.jl.player.advanced.*[*PlaybackEvent*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)[***STEREO***](http://docs.google.com/javazoom/jl/decoder/Header.html#STEREO) *- Static variable in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html)[***stop()***](http://docs.google.com/javazoom/jl/decoder/Control.html#stop()) *- Method in interface javazoom.jl.decoder.*[*Control*](http://docs.google.com/javazoom/jl/decoder/Control.html) *Stops playback of the media presented by this control.* [***stop()***](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html#stop()) *- Method in class javazoom.jl.player.advanced.*[*AdvancedPlayer*](http://docs.google.com/javazoom/jl/player/advanced/AdvancedPlayer.html) *closes the player and notifies PlaybackListener* [***stop()***](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#stop()) *- Method in class javazoom.jl.player.*[*PlayerApplet*](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) *Stops this applet.* [***STOPPED***](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html#STOPPED) *- Static variable in class javazoom.jl.player.advanced.*[*PlaybackEvent*](http://docs.google.com/javazoom/jl/player/advanced/PlaybackEvent.html)[***stopPlayer()***](http://docs.google.com/javazoom/jl/player/PlayerApplet.html#stopPlayer()) *- Method in class javazoom.jl.player.*[*PlayerApplet*](http://docs.google.com/javazoom/jl/player/PlayerApplet.html) *Stops the audio player.* [***STREAM\_EOF***](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html#STREAM_EOF) *- Static variable in interface javazoom.jl.decoder.*[*BitstreamErrors*](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html) *The end of the stream was reached.* [***STREAM\_ERROR***](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html#STREAM_ERROR) *- Static variable in interface javazoom.jl.decoder.*[*BitstreamErrors*](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html) *A problem occurred reading from the stream.* [***systemRegistry()***](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html#systemRegistry()) *- Static method in class javazoom.jl.player.*[*FactoryRegistry*](http://docs.google.com/javazoom/jl/player/FactoryRegistry.html)

## ***T***

[***tell()***](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html#tell()) *- Method in class javazoom.jl.decoder.*[*InputStreamSource*](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html)[***tell()***](http://docs.google.com/javazoom/jl/decoder/Source.html#tell()) *- Method in interface javazoom.jl.decoder.*[*Source*](http://docs.google.com/javazoom/jl/decoder/Source.html)[***test()***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#test()) *- Method in class javazoom.jl.player.*[*JavaSoundAudioDevice*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html) *Runs a short test by playing a short silent sound.* [***testAudioDevice()***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html#testAudioDevice()) *- Method in class javazoom.jl.player.*[*JavaSoundAudioDeviceFactory*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDeviceFactory.html)[***THIRTYTWO***](http://docs.google.com/javazoom/jl/decoder/Header.html#THIRTYTWO) *- Static variable in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html)[***toByteArray(short[], int, int)***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#toByteArray(short%5B%5D,%20int,%20int)) *- Method in class javazoom.jl.player.*[*JavaSoundAudioDevice*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)[***toString()***](http://docs.google.com/javazoom/jl/decoder/Header.html#toString()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html)[***total\_ms(int)***](http://docs.google.com/javazoom/jl/decoder/Header.html#total_ms(int)) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns total ms.*

## ***U***

[***UNEXPECTED\_EOF***](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html#UNEXPECTED_EOF) *- Static variable in interface javazoom.jl.decoder.*[*BitstreamErrors*](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html) *The end of the stream was reached prematurely.* [***UNKNOWN\_ERROR***](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html#UNKNOWN_ERROR) *- Static variable in interface javazoom.jl.decoder.*[*BitstreamErrors*](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html) *An undeterminable error occurred.* [***UNKNOWN\_ERROR***](http://docs.google.com/javazoom/jl/decoder/DecoderErrors.html#UNKNOWN_ERROR) *- Static variable in interface javazoom.jl.decoder.*[*DecoderErrors*](http://docs.google.com/javazoom/jl/decoder/DecoderErrors.html)[***UNKNOWN\_SAMPLE\_RATE***](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html#UNKNOWN_SAMPLE_RATE) *- Static variable in interface javazoom.jl.decoder.*[*BitstreamErrors*](http://docs.google.com/javazoom/jl/decoder/BitstreamErrors.html) *The header describes an unknown sample rate.* [***unreadFrame()***](http://docs.google.com/javazoom/jl/decoder/Bitstream.html#unreadFrame()) *- Method in class javazoom.jl.decoder.*[*Bitstream*](http://docs.google.com/javazoom/jl/decoder/Bitstream.html) *Unreads the bytes read from the frame.* [***UNSUPPORTED\_LAYER***](http://docs.google.com/javazoom/jl/decoder/DecoderErrors.html#UNSUPPORTED_LAYER) *- Static variable in interface javazoom.jl.decoder.*[*DecoderErrors*](http://docs.google.com/javazoom/jl/decoder/DecoderErrors.html) *Layer not supported by the decoder.* [***UPDATE\_CONVERT\_COMPLETE***](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#UPDATE_CONVERT_COMPLETE) *- Static variable in interface javazoom.jl.converter.*[*Converter.ProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) *Conversion is complete.* [***UPDATE\_FRAME\_COUNT***](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#UPDATE_FRAME_COUNT) *- Static variable in interface javazoom.jl.converter.*[*Converter.ProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html)

## ***V***

[***vbr()***](http://docs.google.com/javazoom/jl/decoder/Header.html#vbr()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Return VBR.* [***vbr\_scale()***](http://docs.google.com/javazoom/jl/decoder/Header.html#vbr_scale()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Return VBR scale.* [***vbr\_toc()***](http://docs.google.com/javazoom/jl/decoder/Header.html#vbr_toc()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Return VBR TOC.* [***VERBOSE\_DETAIL***](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#VERBOSE_DETAIL) *- Static variable in class javazoom.jl.converter.*[*Converter.PrintWriterProgressListener*](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html) *Verbose detail.* [***version()***](http://docs.google.com/javazoom/jl/decoder/Header.html#version()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns version.* [***version\_string()***](http://docs.google.com/javazoom/jl/decoder/Header.html#version_string()) *- Method in class javazoom.jl.decoder.*[*Header*](http://docs.google.com/javazoom/jl/decoder/Header.html) *Returns Version.*

## ***W***

[***WaveFile***](http://docs.google.com/javazoom/jl/converter/WaveFile.html) *- Class in* [*javazoom.jl.converter*](http://docs.google.com/javazoom/jl/converter/package-summary.html)*Class allowing WaveFormat Access*[***WaveFile()***](http://docs.google.com/javazoom/jl/converter/WaveFile.html#WaveFile()) *- Constructor for class javazoom.jl.converter.*[*WaveFile*](http://docs.google.com/javazoom/jl/converter/WaveFile.html) *Constructs a new WaveFile instance.* [***WaveFile.WaveFileSample***](http://docs.google.com/javazoom/jl/converter/WaveFile.WaveFileSample.html) *- Class in* [*javazoom.jl.converter*](http://docs.google.com/javazoom/jl/converter/package-summary.html)[***WaveFile.WaveFileSample()***](http://docs.google.com/javazoom/jl/converter/WaveFile.WaveFileSample.html#WaveFile.WaveFileSample()) *- Constructor for class javazoom.jl.converter.*[*WaveFile.WaveFileSample*](http://docs.google.com/javazoom/jl/converter/WaveFile.WaveFileSample.html)[***WaveFileObuffer***](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html) *- Class in* [*javazoom.jl.converter*](http://docs.google.com/javazoom/jl/converter/package-summary.html)*Implements an Obuffer by writing the data to a file in RIFF WAVE format.*[***WaveFileObuffer(int, int, String)***](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html#WaveFileObuffer(int,%20int,%20java.lang.String)) *- Constructor for class javazoom.jl.converter.*[*WaveFileObuffer*](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html) *Creates a new WareFileObuffer instance.* [***willReadBlock()***](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html#willReadBlock()) *- Method in class javazoom.jl.decoder.*[*InputStreamSource*](http://docs.google.com/javazoom/jl/decoder/InputStreamSource.html)[***willReadBlock()***](http://docs.google.com/javazoom/jl/decoder/Source.html#willReadBlock()) *- Method in interface javazoom.jl.decoder.*[*Source*](http://docs.google.com/javazoom/jl/decoder/Source.html)[***Write(byte[], int)***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(byte%5B%5D,%20int)) *- Method in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Write NumBytes data.* [***Write(short[], int)***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(short%5B%5D,%20int)) *- Method in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Write NumBytes data.* [***Write(RiffFile.RiffChunkHeader, int)***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(javazoom.jl.converter.RiffFile.RiffChunkHeader,%20int)) *- Method in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Write NumBytes data.* [***Write(short, int)***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(short,%20int)) *- Method in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Write NumBytes data.* [***Write(int, int)***](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(int,%20int)) *- Method in class javazoom.jl.converter.*[*RiffFile*](http://docs.google.com/javazoom/jl/converter/RiffFile.html) *Write NumBytes data.* [***write(short[], int, int)***](http://docs.google.com/javazoom/jl/player/AudioDevice.html#write(short%5B%5D,%20int,%20int)) *- Method in interface javazoom.jl.player.*[*AudioDevice*](http://docs.google.com/javazoom/jl/player/AudioDevice.html) *Writes a number of samples to this AudioDevice.* [***write(short[], int, int)***](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#write(short%5B%5D,%20int,%20int)) *- Method in class javazoom.jl.player.*[*AudioDeviceBase*](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) *Writes audio data to this audio device.* [***write\_buffer(int)***](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html#write_buffer(int)) *- Method in class javazoom.jl.converter.*[*WaveFileObuffer*](http://docs.google.com/javazoom/jl/converter/WaveFileObuffer.html)[***write\_buffer(int)***](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#write_buffer(int)) *- Method in class javazoom.jl.decoder.*[*Obuffer*](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) *Write the samples to the file or directly to the audio hardware.* [***write\_buffer(int)***](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#write_buffer(int)) *- Method in class javazoom.jl.decoder.*[*SampleBuffer*](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html) *Write the samples to the file (Random Acces).* [***WriteData(short[], int)***](http://docs.google.com/javazoom/jl/converter/WaveFile.html#WriteData(short%5B%5D,%20int)) *- Method in class javazoom.jl.converter.*[*WaveFile*](http://docs.google.com/javazoom/jl/converter/WaveFile.html) *Write 16-bit audio* [***writeImpl(short[], int, int)***](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html#writeImpl(short%5B%5D,%20int,%20int)) *- Method in class javazoom.jl.player.*[*AudioDeviceBase*](http://docs.google.com/javazoom/jl/player/AudioDeviceBase.html) *Template method to provide the implementation for writing audio samples to the audio device.* [***writeImpl(short[], int, int)***](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html#writeImpl(short%5B%5D,%20int,%20int)) *- Method in class javazoom.jl.player.*[*JavaSoundAudioDevice*](http://docs.google.com/javazoom/jl/player/JavaSoundAudioDevice.html)[*A*](#3znysh7)[*B*](#2et92p0)[*C*](#tyjcwt)[*D*](#3dy6vkm)[*E*](#1t3h5sf)[*F*](#4d34og8)[*G*](#2s8eyo1)[*H*](#17dp8vu)[*I*](#3rdcrjn)[*J*](#26in1rg)[*L*](#lnxbz9)[*M*](#35nkun2)[*N*](#1ksv4uv)[*O*](#44sinio)[*P*](#2jxsxqh)[*R*](#z337ya)[*S*](#3j2qqm3)[*T*](#1y810tw)[*U*](#4i7ojhp)[*V*](#2xcytpi)[*W*](#1ci93xb)

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| *PREV   NEXT* | [***FRAMES***](http://docs.google.com/index.html?index-all.html)[***NO FRAMES***](http://docs.google.com/index-all.html)[***All Classes***](http://docs.google.com/allclasses-noframe.html) |

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