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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
| PREV CLASS   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/converter/Converter.html)    [**NO FRAMES**](http://docs.google.com/Converter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **javazoom.jl.converter**

Class Converter

java.lang.Object  
 **javazoom.jl.converter.Converter**

public class **Converter**extends java.lang.Object

The Converter class implements the conversion of an MPEG audio file to a .WAV file. To convert an MPEG audio stream, just create an instance of this class and call the convert() method, passing in the names of the input and output files. You can pass in optional ProgressListener and Decoder.Params objects also to customize the conversion.

**Since:** 0.0.7

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| **Nested Class Summary** | |
| static class | [**Converter.PrintWriterProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html)            Implementation of ProgressListener that writes notification text to a PrintWriter. |
| static interface | [**Converter.ProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.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. |

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| **Constructor Summary** | |
| [**Converter**](http://docs.google.com/javazoom/jl/converter/Converter.html#Converter())()            Creates a new converter instance. |

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| **Method Summary** | |
| void | [**convert**](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))(java.io.InputStream sourceStream, java.lang.String destName, [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) progressListener, [Decoder.Params](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html) decoderParams) |
| void | [**convert**](http://docs.google.com/javazoom/jl/converter/Converter.html#convert(java.lang.String,%20java.lang.String))(java.lang.String sourceName, java.lang.String destName) |
| void | [**convert**](http://docs.google.com/javazoom/jl/converter/Converter.html#convert(java.lang.String,%20java.lang.String,%20javazoom.jl.converter.Converter.ProgressListener))(java.lang.String sourceName, java.lang.String destName, [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) progressListener) |
| void | [**convert**](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))(java.lang.String sourceName, java.lang.String destName, [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) progressListener, [Decoder.Params](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html) decoderParams) |
| protected  int | [**countFrames**](http://docs.google.com/javazoom/jl/converter/Converter.html#countFrames(java.io.InputStream))(java.io.InputStream in) |
| protected  java.io.InputStream | [**openInput**](http://docs.google.com/javazoom/jl/converter/Converter.html#openInput(java.lang.String))(java.lang.String fileName) |

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| **Methods inherited from class java.lang.Object** |
| clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait |

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| **Constructor Detail** |

### Converter

public **Converter**()

Creates a new converter instance.

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| **Method Detail** |

### convert

public void **convert**(java.lang.String sourceName,  
 java.lang.String destName)  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

**Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

### convert

public void **convert**(java.lang.String sourceName,  
 java.lang.String destName,  
 [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) progressListener)  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

**Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

### convert

public void **convert**(java.lang.String sourceName,  
 java.lang.String destName,  
 [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) progressListener,  
 [Decoder.Params](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html) decoderParams)  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

**Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

### convert

public void **convert**(java.io.InputStream sourceStream,  
 java.lang.String destName,  
 [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) progressListener,  
 [Decoder.Params](http://docs.google.com/javazoom/jl/decoder/Decoder.Params.html) decoderParams)  
 throws [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

**Throws:** [JavaLayerException](http://docs.google.com/javazoom/jl/decoder/JavaLayerException.html)

### countFrames

protected int **countFrames**(java.io.InputStream in)

### openInput

protected java.io.InputStream **openInput**(java.lang.String fileName)  
 throws java.io.IOException

**Throws:** java.io.IOException

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