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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**](http://docs.google.com/javazoom/jl/converter/Converter.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/converter/Converter.PrintWriterProgressListener.html)    [**NO FRAMES**](http://docs.google.com/Converter.PrintWriterProgressListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#35nkun2) | [METHOD](#44sinio) |

## **javazoom.jl.converter**

Class Converter.PrintWriterProgressListener

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

**All Implemented Interfaces:** [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) **Enclosing class:**[Converter](http://docs.google.com/javazoom/jl/converter/Converter.html)

public static class **Converter.PrintWriterProgressListener**extends java.lang.Objectimplements [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html)

Implementation of ProgressListener that writes notification text to a PrintWriter.

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| **Field Summary** | |
| static int | [**DEBUG\_DETAIL**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#DEBUG_DETAIL)            Debug detail. |
| static int | [**EXPERT\_DETAIL**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#EXPERT_DETAIL)            Level of detail typically expected of expert users. |
| static int | [**MAX\_DETAIL**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#MAX_DETAIL) |
| static int | [**NO\_DETAIL**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#NO_DETAIL) |
| static int | [**VERBOSE\_DETAIL**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#VERBOSE_DETAIL)            Verbose detail. |

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| **Fields inherited from interface javazoom.jl.converter.**[**Converter.ProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) |
| [UPDATE\_CONVERT\_COMPLETE](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#UPDATE_CONVERT_COMPLETE), [UPDATE\_FRAME\_COUNT](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#UPDATE_FRAME_COUNT) |

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| **Constructor Summary** | |
| [**Converter.PrintWriterProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#Converter.PrintWriterProgressListener(java.io.PrintWriter,%20int))(java.io.PrintWriter writer, int detailLevel) |

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| **Method Summary** | |
| boolean | [**converterException**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#converterException(java.lang.Throwable))(java.lang.Throwable t)            Called when an exception is thrown during while converting a frame. |
| void | [**converterUpdate**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#converterUpdate(int,%20int,%20int))(int updateID, int param1, int param2)            Notifies the listener that new information is available. |
| void | [**decodedFrame**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#decodedFrame(int,%20javazoom.jl.decoder.Header,%20javazoom.jl.decoder.Obuffer))(int frameNo, [Header](http://docs.google.com/javazoom/jl/decoder/Header.html) header, [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) o)            This method is called after a frame has been decoded. |
| boolean | [**isDetail**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#isDetail(int))(int detail) |
| static [Converter.PrintWriterProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html) | [**newStdOut**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#newStdOut(int))(int detail) |
| void | [**parsedFrame**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#parsedFrame(int,%20javazoom.jl.decoder.Header))(int frameNo, [Header](http://docs.google.com/javazoom/jl/decoder/Header.html) header)            If the converter wishes to make a first pass over the audio frames, this is called as each frame is parsed. |
| void | [**readFrame**](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html#readFrame(int,%20javazoom.jl.decoder.Header))(int frameNo, [Header](http://docs.google.com/javazoom/jl/decoder/Header.html) header)            This method is called after each frame has been read, but before it has been decoded. |

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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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| **Field Detail** |

### NO\_DETAIL

public static final int **NO\_DETAIL**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.converter.Converter.PrintWriterProgressListener.NO_DETAIL)

### EXPERT\_DETAIL

public static final int **EXPERT\_DETAIL**

Level of detail typically expected of expert users.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.converter.Converter.PrintWriterProgressListener.EXPERT_DETAIL)

### VERBOSE\_DETAIL

public static final int **VERBOSE\_DETAIL**

Verbose detail.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.converter.Converter.PrintWriterProgressListener.VERBOSE_DETAIL)

### DEBUG\_DETAIL

public static final int **DEBUG\_DETAIL**

Debug detail. All frame read notifications are shown.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.converter.Converter.PrintWriterProgressListener.DEBUG_DETAIL)

### MAX\_DETAIL

public static final int **MAX\_DETAIL**

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javazoom.jl.converter.Converter.PrintWriterProgressListener.MAX_DETAIL)

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| **Constructor Detail** |

### Converter.PrintWriterProgressListener

public **Converter.PrintWriterProgressListener**(java.io.PrintWriter writer,  
 int detailLevel)

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| **Method Detail** |

### newStdOut

public static [Converter.PrintWriterProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.PrintWriterProgressListener.html) **newStdOut**(int detail)

### isDetail

public boolean **isDetail**(int detail)

### converterUpdate

public void **converterUpdate**(int updateID,  
 int param1,  
 int param2)

**Description copied from interface:** [**Converter.ProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#converterUpdate(int,%20int,%20int)) Notifies the listener that new information is available.

**Specified by:**[converterUpdate](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#converterUpdate(int,%20int,%20int)) in interface [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) **Parameters:**updateID - Code indicating the information that has been updated.param1 - Parameter whose value depends upon the update code.param2 - Parameter whose value depends upon the update code. The updateID parameter can take these values: UPDATE\_FRAME\_COUNT: param1 is the frame count, or -1 if not known. UPDATE\_CONVERT\_COMPLETE: param1 is the conversion time, param2 is the number of frames converted.

### parsedFrame

public void **parsedFrame**(int frameNo,  
 [Header](http://docs.google.com/javazoom/jl/decoder/Header.html) header)

**Description copied from interface:** [**Converter.ProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#parsedFrame(int,%20javazoom.jl.decoder.Header)) If the converter wishes to make a first pass over the audio frames, this is called as each frame is parsed.

**Specified by:**[parsedFrame](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#parsedFrame(int,%20javazoom.jl.decoder.Header)) in interface [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html)

### readFrame

public void **readFrame**(int frameNo,  
 [Header](http://docs.google.com/javazoom/jl/decoder/Header.html) header)

**Description copied from interface:** [**Converter.ProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#readFrame(int,%20javazoom.jl.decoder.Header)) This method is called after each frame has been read, but before it has been decoded.

**Specified by:**[readFrame](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#readFrame(int,%20javazoom.jl.decoder.Header)) in interface [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) **Parameters:**frameNo - The 0-based sequence number of the frame.header - The Header rerpesenting the frame just read.

### decodedFrame

public void **decodedFrame**(int frameNo,  
 [Header](http://docs.google.com/javazoom/jl/decoder/Header.html) header,  
 [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) o)

**Description copied from interface:** [**Converter.ProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#decodedFrame(int,%20javazoom.jl.decoder.Header,%20javazoom.jl.decoder.Obuffer)) This method is called after a frame has been decoded.

**Specified by:**[decodedFrame](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#decodedFrame(int,%20javazoom.jl.decoder.Header,%20javazoom.jl.decoder.Obuffer)) in interface [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) **Parameters:**frameNo - The 0-based sequence number of the frame.header - The Header rerpesenting the frame just read.o - The Obuffer the deocded data was written to.

### converterException

public boolean **converterException**(java.lang.Throwable t)

**Description copied from interface:** [**Converter.ProgressListener**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#converterException(java.lang.Throwable)) Called when an exception is thrown during while converting a frame.

**Specified by:**[converterException](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html#converterException(java.lang.Throwable)) in interface [Converter.ProgressListener](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) **Parameters:**t - The Throwable instance that was thrown. **Returns:**true to continue processing, or false to abort conversion. If this method returns false, the exception is propagated to the caller of the convert() method. If true is returned, the exception is silently ignored and the converter moves onto the next frame.

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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**](http://docs.google.com/javazoom/jl/converter/Converter.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/converter/Converter.ProgressListener.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/converter/Converter.PrintWriterProgressListener.html)    [**NO FRAMES**](http://docs.google.com/Converter.PrintWriterProgressListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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