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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/decoder/OutputChannels.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/decoder/Source.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/decoder/SampleBuffer.html)    [**NO FRAMES**](http://docs.google.com/SampleBuffer.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

## **javazoom.jl.decoder**

Class SampleBuffer

java.lang.Object  
 [javazoom.jl.decoder.Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)  
 **javazoom.jl.decoder.SampleBuffer**

public class **SampleBuffer**extends [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)

The SampleBuffer class implements an output buffer that provides storage for a fixed size block of samples.

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| **Field Summary** | |

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| **Fields inherited from class javazoom.jl.decoder.**[**Obuffer**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html) |
| [MAXCHANNELS](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#MAXCHANNELS), [OBUFFERSIZE](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#OBUFFERSIZE) |

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| **Constructor Summary** | |
| [**SampleBuffer**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#SampleBuffer(int,%20int))(int sample\_frequency, int number\_of\_channels)            Constructor |

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| **Method Summary** | |
| void | [**append**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#append(int,%20short))(int channel, short value)            Takes a 16 Bit PCM sample. |
| void | [**appendSamples**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#appendSamples(int,%20float%5B%5D))(int channel, float[] f)            Accepts 32 new PCM samples. |
| void | [**clear\_buffer**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#clear_buffer())()            Clears all data in the buffer (for seeking). |
| void | [**close**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#close())() |
| short[] | [**getBuffer**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#getBuffer())() |
| int | [**getBufferLength**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#getBufferLength())() |
| int | [**getChannelCount**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#getChannelCount())() |
| int | [**getSampleFrequency**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#getSampleFrequency())() |
| void | [**set\_stop\_flag**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#set_stop_flag())()            Notify the buffer that the user has stopped the stream. |
| void | [**write\_buffer**](http://docs.google.com/javazoom/jl/decoder/SampleBuffer.html#write_buffer(int))(int val)            Write the samples to the file (Random Acces). |

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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** |

### SampleBuffer

public **SampleBuffer**(int sample\_frequency,  
 int number\_of\_channels)

Constructor

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| **Method Detail** |

### getChannelCount

public int **getChannelCount**()

### getSampleFrequency

public int **getSampleFrequency**()

### getBuffer

public short[] **getBuffer**()

### getBufferLength

public int **getBufferLength**()

### append

public void **append**(int channel,  
 short value)

Takes a 16 Bit PCM sample.

**Specified by:**[append](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#append(int,%20short)) in class [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)

### appendSamples

public void **appendSamples**(int channel,  
 float[] f)

**Description copied from class:** [**Obuffer**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#appendSamples(int,%20float%5B%5D)) Accepts 32 new PCM samples.

**Overrides:**[appendSamples](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#appendSamples(int,%20float%5B%5D)) in class [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)

### write\_buffer

public void **write\_buffer**(int val)

Write the samples to the file (Random Acces).

**Specified by:**[write\_buffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#write_buffer(int)) in class [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)

### close

public void **close**()

**Specified by:**[close](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#close()) in class [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)

### clear\_buffer

public void **clear\_buffer**()

**Description copied from class:** [**Obuffer**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#clear_buffer()) Clears all data in the buffer (for seeking).

**Specified by:**[clear\_buffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#clear_buffer()) in class [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)

### set\_stop\_flag

public void **set\_stop\_flag**()

**Description copied from class:** [**Obuffer**](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#set_stop_flag()) Notify the buffer that the user has stopped the stream.

**Specified by:**[set\_stop\_flag](http://docs.google.com/javazoom/jl/decoder/Obuffer.html#set_stop_flag()) in class [Obuffer](http://docs.google.com/javazoom/jl/decoder/Obuffer.html)

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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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