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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/jlc.html)   [**NEXT CLASS**](http://docs.google.com/javazoom/jl/converter/WaveFile.html) | [**FRAMES**](http://docs.google.com/index.html?javazoom/jl/converter/RiffFile.html)    [**NO FRAMES**](http://docs.google.com/RiffFile.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#1y810tw) | [METHOD](#2xcytpi) |

## **javazoom.jl.converter**

Class RiffFile

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

**Direct Known Subclasses:** [WaveFile](http://docs.google.com/javazoom/jl/converter/WaveFile.html)

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

Class to manage RIFF files

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| **Field Summary** | |
| static int | [**DDC\_FAILURE**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_FAILURE) |
| static int | [**DDC\_FILE\_ERROR**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_FILE_ERROR) |
| static int | [**DDC\_INVALID\_CALL**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_INVALID_CALL) |
| static int | [**DDC\_INVALID\_FILE**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_INVALID_FILE) |
| static int | [**DDC\_OUT\_OF\_MEMORY**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_OUT_OF_MEMORY) |
| static int | [**DDC\_SUCCESS**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_SUCCESS) |
| static int | [**DDC\_USER\_ABORT**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#DDC_USER_ABORT) |
| protected  java.io.RandomAccessFile | [**file**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#file) |
| protected  int | [**fmode**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#fmode) |
| static int | [**RFM\_READ**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#RFM_READ) |
| static int | [**RFM\_UNKNOWN**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#RFM_UNKNOWN) |
| static int | [**RFM\_WRITE**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#RFM_WRITE) |

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| **Constructor Summary** | |
| [**RiffFile**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#RiffFile())()            Dummy Constructor |

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| **Method Summary** | |
| int | [**Backpatch**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Backpatch(long,%20byte%5B%5D,%20int))(long FileOffset, byte[] Data, int NumBytes) |
| int | [**Backpatch**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Backpatch(long,%20javazoom.jl.converter.RiffFile.RiffChunkHeader,%20int))(long FileOffset, javazoom.jl.converter.RiffFile.RiffChunkHeader Data, int NumBytes)            Write Data to specified offset. |
| int | [**Close**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Close())()            Close Riff File. |
| int | [**CurrentFileMode**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#CurrentFileMode())()            Return File Mode. |
| long | [**CurrentFilePosition**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#CurrentFilePosition())()            Return File Position. |
| int | [**Expect**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Expect(java.lang.String,%20int))(java.lang.String Data, int NumBytes)            Expect NumBytes data. |
| static int | [**FourCC**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#FourCC(java.lang.String))(java.lang.String ChunkName)            Fill the header. |
| int | [**Open**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Open(java.lang.String,%20int))(java.lang.String Filename, int NewMode)            Open a RIFF file. |
| int | [**Read**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Read(byte%5B%5D,%20int))(byte[] Data, int NumBytes)            Read NumBytes data. |
| protected  int | [**Seek**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Seek(long))(long offset)            Seek in the File. |
| int | [**Write**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(byte%5B%5D,%20int))(byte[] Data, int NumBytes)            Write NumBytes data. |
| int | [**Write**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(int,%20int))(int Data, int NumBytes)            Write NumBytes data. |
| int | [**Write**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(javazoom.jl.converter.RiffFile.RiffChunkHeader,%20int))(javazoom.jl.converter.RiffFile.RiffChunkHeader Triff\_header, int NumBytes)            Write NumBytes data. |
| int | [**Write**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(short%5B%5D,%20int))(short[] Data, int NumBytes)            Write NumBytes data. |
| int | [**Write**](http://docs.google.com/javazoom/jl/converter/RiffFile.html#Write(short,%20int))(short Data, int NumBytes)            Write NumBytes data. |

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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** |

### DDC\_SUCCESS

public static final int **DDC\_SUCCESS**

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

### DDC\_FAILURE

public static final int **DDC\_FAILURE**

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

### DDC\_OUT\_OF\_MEMORY

public static final int **DDC\_OUT\_OF\_MEMORY**

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

### DDC\_FILE\_ERROR

public static final int **DDC\_FILE\_ERROR**

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

### DDC\_INVALID\_CALL

public static final int **DDC\_INVALID\_CALL**

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

### DDC\_USER\_ABORT

public static final int **DDC\_USER\_ABORT**

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

### DDC\_INVALID\_FILE

public static final int **DDC\_INVALID\_FILE**

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

### RFM\_UNKNOWN

public static final int **RFM\_UNKNOWN**

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

### RFM\_WRITE

public static final int **RFM\_WRITE**

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

### RFM\_READ

public static final int **RFM\_READ**

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

### fmode

protected int **fmode**

### file

protected java.io.RandomAccessFile **file**

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| **Constructor Detail** |

### RiffFile

public **RiffFile**()

Dummy Constructor

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| **Method Detail** |

### CurrentFileMode

public int **CurrentFileMode**()

Return File Mode.

### Open

public int **Open**(java.lang.String Filename,  
 int NewMode)

Open a RIFF file.

### Write

public int **Write**(byte[] Data,  
 int NumBytes)

Write NumBytes data.

### Write

public int **Write**(short[] Data,  
 int NumBytes)

Write NumBytes data.

### Write

public int **Write**(javazoom.jl.converter.RiffFile.RiffChunkHeader Triff\_header,  
 int NumBytes)

Write NumBytes data.

### Write

public int **Write**(short Data,  
 int NumBytes)

Write NumBytes data.

### Write

public int **Write**(int Data,  
 int NumBytes)

Write NumBytes data.

### Read

public int **Read**(byte[] Data,  
 int NumBytes)

Read NumBytes data.

### Expect

public int **Expect**(java.lang.String Data,  
 int NumBytes)

Expect NumBytes data.

### Close

public int **Close**()

Close Riff File. Length is written too.

### CurrentFilePosition

public long **CurrentFilePosition**()

Return File Position.

### Backpatch

public int **Backpatch**(long FileOffset,  
 javazoom.jl.converter.RiffFile.RiffChunkHeader Data,  
 int NumBytes)

Write Data to specified offset.

### Backpatch

public int **Backpatch**(long FileOffset,  
 byte[] Data,  
 int NumBytes)

### Seek

protected int **Seek**(long offset)

Seek in the File.

### FourCC

public static int **FourCC**(java.lang.String ChunkName)

Fill the header.

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