| | [**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/MoviePlayer.html)   [**NEXT CLASS**](http://docs.google.com/PathSegment.html) | [**FRAMES**](http://docs.google.com/index.html?MovieWriter.html)    [**NO FRAMES**](http://docs.google.com/MovieWriter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#26in1rg) |

## Class MovieWriter

[java.lang.Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true)  
 **MovieWriter**

public class **MovieWriter**extends [Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true)

Class to write out an AVI or Quicktime movie from a series of JPEG (jpg) frames in a directory

**Author:** Barb Ericson ericson@cc.gatech.edu Depreciated File.toURL() replaced with File.toURI().toURL() by Buck Scharfnorth 22 May 2008 Modified writeQuicktime() and writeAVI() to check for appropriate endings (".mov" and ".avi") before appending them to the destination path. Also modified getOutputURL to check for "%20" in destination path. by Brian O'Neill 11 Aug 2008

| **Constructor Summary** | |
| --- | --- |
| [**MovieWriter**](http://docs.google.com/MovieWriter.html#MovieWriter())()            Constructor that takes no arguments |
| [**MovieWriter**](http://docs.google.com/MovieWriter.html#MovieWriter(int))(int theFrameRate)            Constructor that takes the frame rate |
| [**MovieWriter**](http://docs.google.com/MovieWriter.html#MovieWriter(int,%20java.lang.String))(int theFrameRate, [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) theFramesDir)            Constructor that takes the frame rate and the directory that the frames are stored in |
| [**MovieWriter**](http://docs.google.com/MovieWriter.html#MovieWriter(java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) dirPath)            Constructor that takes the directory that has the frames |
| [**MovieWriter**](http://docs.google.com/MovieWriter.html#MovieWriter(java.lang.String,%20int,%20java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) theFramesDir, int theFrameRate, [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) theOutputURL)            Constructor that takes the directory with the frames the frame rate, and the output url (dir,name, and extendsion) |

| **Method Summary** | |
| --- | --- |
| [List](http://java.sun.com/javase/6/docs/api/java/util/List.html?is-external=true)<[String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true)> | [**getFrameNames**](http://docs.google.com/MovieWriter.html#getFrameNames())()            Method to get the list of jpeg frames |
| static void | [**main**](http://docs.google.com/MovieWriter.html#main(java.lang.String%5B%5D))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true)[] args) |
| void | [**writeAVI**](http://docs.google.com/MovieWriter.html#writeAVI())()            Method to write the movie frames in AVI format |
| void | [**writeQuicktime**](http://docs.google.com/MovieWriter.html#writeQuicktime())()            Method to write the movie frames as quicktime |

| **Methods inherited from class java.lang.**[**Object**](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true) |
| --- |
| [clone](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#clone()), [equals](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#equals(java.lang.Object)), [finalize](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#finalize()), [getClass](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#getClass()), [hashCode](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#hashCode()), [notify](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#notify()), [notifyAll](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#notifyAll()), [toString](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#toString()), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait()), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait(long)), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### MovieWriter

public **MovieWriter**()

Constructor that takes no arguments

### MovieWriter

public **MovieWriter**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) dirPath)

Constructor that takes the directory that has the frames

**Parameters:**dirPath - the full path for the directory that has the movie frames

### MovieWriter

public **MovieWriter**(int theFrameRate)

Constructor that takes the frame rate

**Parameters:**theFrameRate - the number of frames per second

### MovieWriter

public **MovieWriter**(int theFrameRate,  
 [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) theFramesDir)

Constructor that takes the frame rate and the directory that the frames are stored in

**Parameters:**theFrameRate - the number of frames per secondtheFramesDir - the directory where the frames are

### MovieWriter

public **MovieWriter**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) theFramesDir,  
 int theFrameRate,  
 [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) theOutputURL)

Constructor that takes the directory with the frames the frame rate, and the output url (dir,name, and extendsion)

**Parameters:**theFramesDir - the directory that holds the frametheFrameRate - the number of frames per secondtheOutputURL - the complete path name for the output movie

| **Method Detail** |
| --- |

### getFrameNames

public [List](http://java.sun.com/javase/6/docs/api/java/util/List.html?is-external=true)<[String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true)> **getFrameNames**()

Method to get the list of jpeg frames

**Returns:**a list of full path names for the frames of the movie

### writeAVI

public void **writeAVI**()

Method to write the movie frames in AVI format

### writeQuicktime

public void **writeQuicktime**()

Method to write the movie frames as quicktime

### main

public static void **main**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true)[] args)

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