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

## Interface VideoCapturer

**All Known Implementing Classes:** [MovieCapturer](http://docs.google.com/MovieCapturer.html)

public interface **VideoCapturer**

Interface for working with video capture Copyright Georgia Institute of Technology 2007

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| **Method Summary** | |
| --- | --- |
| [BufferedImage](http://java.sun.com/javase/6/docs/api/java/awt/image/BufferedImage.html?is-external=true) | [**captureScreen**](http://docs.google.com/VideoCapturer.html#captureScreen())()            Method that captures the screen |
| [FrameSequencer](http://docs.google.com/FrameSequencer.html) | [**getFrameSequencer**](http://docs.google.com/VideoCapturer.html#getFrameSequencer())()            Method to get the frame sequencer |
| int | [**getFramesPerSecond**](http://docs.google.com/VideoCapturer.html#getFramesPerSecond())()            Method to return the number of frames per second |
| [Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true) | [**getRegion**](http://docs.google.com/VideoCapturer.html#getRegion())()            Method to get the region to capture |
| void | [**playMovie**](http://docs.google.com/VideoCapturer.html#playMovie())()            Method to play the captured movie |
| void | [**setFramesPerSecond**](http://docs.google.com/VideoCapturer.html#setFramesPerSecond(int))(int frameRate)            Method to set the number of frames per second |
| void | [**setRegion**](http://docs.google.com/VideoCapturer.html#setRegion(java.awt.Rectangle))([Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true) region)            Method that sets a region to capture |
| void | [**startCapture**](http://docs.google.com/VideoCapturer.html#startCapture())()            Method to start the capture |
| void | [**startCapture**](http://docs.google.com/VideoCapturer.html#startCapture(int))(int numSeconds)            Method to start the capture and capture numSeconds of video |
| void | [**stopCapture**](http://docs.google.com/VideoCapturer.html#stopCapture())()            Method to stop the capture |

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

### captureScreen

[BufferedImage](http://java.sun.com/javase/6/docs/api/java/awt/image/BufferedImage.html?is-external=true) **captureScreen**()  
 throws [Exception](http://java.sun.com/javase/6/docs/api/java/lang/Exception.html?is-external=true)

Method that captures the screen

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

### setRegion

void **setRegion**([Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true) region)

Method that sets a region to capture

**Parameters:**region - the rectangular region to capture

### startCapture

void **startCapture**()

Method to start the capture

### startCapture

void **startCapture**(int numSeconds)

Method to start the capture and capture numSeconds of video

**Parameters:**numSeconds - the number of seconds to capture

### stopCapture

void **stopCapture**()

Method to stop the capture

### playMovie

void **playMovie**()

Method to play the captured movie

### getFrameSequencer

[FrameSequencer](http://docs.google.com/FrameSequencer.html) **getFrameSequencer**()

Method to get the frame sequencer

**Returns:**the frame sequencer used in the capture

### getRegion

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true) **getRegion**()

Method to get the region to capture

**Returns:**the region to capture

### getFramesPerSecond

int **getFramesPerSecond**()

Method to return the number of frames per second

**Returns:**the number of frames per second being captured

### setFramesPerSecond

void **setFramesPerSecond**(int frameRate)

Method to set the number of frames per second

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