| | [**Package**](http://docs.google.com/package-summary.html) | Class | [**Tree**](http://docs.google.com/overview-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   NEXT | [**FRAMES**](http://docs.google.com/index.html?serialized-form.html)    [**NO FRAMES**](http://docs.google.com/serialized-form.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

Serialized Form

| **Package** **<Unnamed>** |
| --- |

| **Class** [**AnimationPanel**](http://docs.google.com/AnimationPanel.html) **extends** [**JComponent**](http://java.sun.com/javase/6/docs/api/javax/swing/JComponent.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### imageList

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

list of image objects

### nameList

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

List of the file names

### currIndex

int **currIndex**

index of currently displayed image

### framesPerSec

int **framesPerSec**

number of frames per second

| **Class** [**ButtonPanel**](http://docs.google.com/ButtonPanel.html) **extends** [**JPanel**](http://java.sun.com/javase/6/docs/api/javax/swing/JPanel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### frameRateList

[JList](http://java.sun.com/javase/6/docs/api/javax/swing/JList.html?is-external=true) **frameRateList**

list for the frame rate

### frameRateLabel

[JLabel](http://java.sun.com/javase/6/docs/api/javax/swing/JLabel.html?is-external=true) **frameRateLabel**

label for frame rate

### nextButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **nextButton**

### playButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **playButton**

### prevButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **prevButton**

### delBeforeButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **delBeforeButton**

### delAfterButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **delAfterButton**

### writeQuicktimeButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **writeQuicktimeButton**

### writeAVIButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **writeAVIButton**

### moviePlayer

[MoviePlayer](http://docs.google.com/MoviePlayer.html) **moviePlayer**

| **Class** [**CaptureButtonPanel**](http://docs.google.com/CaptureButtonPanel.html) **extends** [**JPanel**](http://java.sun.com/javase/6/docs/api/javax/swing/JPanel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### helpButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **helpButton**

help button

### captureScreenButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **captureScreenButton**

button to capture the screen

### pickRegionButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **pickRegionButton**

button to start picking a region to capture

### startButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **startButton**

button to start the capture

### playButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **playButton**

button to play the captured movie

### stopButton

[JButton](http://java.sun.com/javase/6/docs/api/javax/swing/JButton.html?is-external=true) **stopButton**

button to stop the video capture

### videoHandler

[VideoCapturer](http://docs.google.com/VideoCapturer.html) **videoHandler**

model class that handles the video capture

### regionHandler

[RegionInterface](http://docs.google.com/RegionInterface.html) **regionHandler**

model class that handles the screen display and region pick

### t

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

thread for video capture

### dirTextField

[JTextField](http://java.sun.com/javase/6/docs/api/javax/swing/JTextField.html?is-external=true) **dirTextField**

text field for the directory to write to

### frameRateList

[JList](http://java.sun.com/javase/6/docs/api/javax/swing/JList.html?is-external=true) **frameRateList**

list for the frame rate

### frameRateLabel

[JLabel](http://java.sun.com/javase/6/docs/api/javax/swing/JLabel.html?is-external=true) **frameRateLabel**

label for frame rate

### directoryLabel

[JLabel](http://java.sun.com/javase/6/docs/api/javax/swing/JLabel.html?is-external=true) **directoryLabel**

label for directory

| **Class** [**ColorSquares**](http://docs.google.com/ColorSquares.html) **extends** [**JPanel**](http://java.sun.com/javase/6/docs/api/javax/swing/JPanel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### colorArray

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

| **Class** [**ComicPanel**](http://docs.google.com/ComicPanel.html) **extends** [**JPanel**](http://java.sun.com/javase/6/docs/api/javax/swing/JPanel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### picture

[Picture](http://docs.google.com/Picture.html) **picture**

the picture for the comic panel

### textBalloonList

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

the list of text balloons

### pictureLabel

[JLabel](http://java.sun.com/javase/6/docs/api/javax/swing/JLabel.html?is-external=true) **pictureLabel**

the label used to display the picture

### lineBorder

boolean **lineBorder**

flag if line border for this panel

| **Class** [**ComicStrip**](http://docs.google.com/ComicStrip.html) **extends** [**JPanel**](http://java.sun.com/javase/6/docs/api/javax/swing/JPanel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### author

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

### name

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

### panelArray

[ComicPanel](http://docs.google.com/ComicPanel.html)[] **panelArray**

### width

int **width**

| **Class Export extends jmapps.ui.JMFrame implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### dlgExport

jmapps.export.ExportWizard **dlgExport**

### vectorWindows

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vectorWindows**

| **Class hm20action extends hm20player implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### bEndOfData

boolean **bEndOfData**

### rangeTableLength

int **rangeTableLength**

### actionTableLength

int **actionTableLength**

### prevXV

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **prevXV**

### prevYV

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **prevYV**

### prevMouseX

int **prevMouseX**

### prevMouseY

int **prevMouseY**

### prevNN

int **prevNN**

### bMouseDef

boolean **bMouseDef**

### bViewDef

boolean **bViewDef**

### prevPos

int **prevPos**

### VrangeIndex

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VrangeIndex**

### VrangeType

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VrangeType**

### VtrackID

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VtrackID**

### VtemporalLow

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VtemporalLow**

### VtemporalHigh

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VtemporalHigh**

### VnumNodes

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VnumNodes**

### Vx

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **Vx**

### Vy

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **Vy**

### vAuClipStop

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vAuClipStop**

### auClipStopEntire

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

### auClipStopDontCare

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

### VactionType

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VactionType**

### VactionSubType

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VactionSubType**

### VactionTrigger

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VactionTrigger**

### VactionDataLength

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VactionDataLength**

### VactionData

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VactionData**

### VactionIndexValue

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VactionIndexValue**

### VparentActionIndex

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VparentActionIndex**

### VrangeCrossIndex

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **VrangeCrossIndex**

### bAnimLoaded

boolean **bAnimLoaded**

| **Class hm20animator extends hm20player implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### tcThreadEngine

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

### bycThreadState

byte **bycThreadState**

### iDirection

int **iDirection**

### vcMvrImage

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vcMvrImage**

### imcOffScrImage

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

### bShowALink

boolean **bShowALink**

### bcWrapCols

boolean **bcWrapCols**

### bcWrapRows

boolean **bcWrapRows**

### bcAnimPaused

boolean **bcAnimPaused**

### bcAnimOnceJustRestarted

boolean **bcAnimOnceJustRestarted**

### icNumRows

int **icNumRows**

### icAnimBehavior

int **icAnimBehavior**

### icAnimInterval

int **icAnimInterval**

### dcZoomMax

double **dcZoomMax**

### icNumImages

int **icNumImages**

### icFrameNum

int **icFrameNum**

### icFrameNumLoaded

int **icFrameNumLoaded**

### icFrameNumPainted

int **icFrameNumPainted**

### dcZoom

double **dcZoom**

### icLastX

int **icLastX**

### icLastY

int **icLastY**

### icXPan

int **icXPan**

### icYPan

int **icYPan**

### icMouseX

int **icMouseX**

### icMouseY

int **icMouseY**

### icMouseDownX

int **icMouseDownX**

### icMouseDownY

int **icMouseDownY**

### icMouseDownActionIndex

int **icMouseDownActionIndex**

### bcMouseDownFrameNotDisturbed

boolean **bcMouseDownFrameNotDisturbed**

### bcLeftMouseWasDown

boolean **bcLeftMouseWasDown**

### bcPanning

boolean **bcPanning**

### bcZooming

boolean **bcZooming**

### dcLastZoom

double **dcLastZoom**

### icTentativeHotlinkIndex

int **icTentativeHotlinkIndex**

### icHotlinkIndex

int **icHotlinkIndex**

### icUpdateOldHotlinkIndex

int **icUpdateOldHotlinkIndex**

### rToDraw

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

### flg

boolean **flg**

### icMouseMotion

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

### bAhReady

boolean **bAhReady**

### icUpdateOldFrameNum

int **icUpdateOldFrameNum**

### icUpdateOld

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

### icAppWidth

int **icAppWidth**

### icAppHeight

int **icAppHeight**

### icX

int **icX**

### icY

int **icY**

### icW

int **icW**

### icH

int **icH**

### bcOutside

boolean **bcOutside**

### bcForcePaint

boolean **bcForcePaint**

### bcEndOfData

boolean **bcEndOfData**

### projectedImageArrayInt

int[] **projectedImageArrayInt**

### hints

int **hints**

### consumer

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

| **Class hm20gsm extends hm20player implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### player

hm20gsmtask **player**

### autostart

boolean **autostart**

### gsmCached

boolean **gsmCached**

### disableLoopAfterStop

boolean **disableLoopAfterStop**

### loops

int **loops**

### streaming

boolean **streaming**

### trackID

byte **trackID**

### dataConsumed

boolean **dataConsumed**

### error

boolean **error**

### noAudioDevice

boolean **noAudioDevice**

### dataRead

int **dataRead**

| **Class hm20gui extends hm20player implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### enabledImagePos

int[] **enabledImagePos**

### disabledImagePos

int[] **disabledImagePos**

### images

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

### mouseIn

boolean **mouseIn**

### mouseDownIn

int **mouseDownIn**

### bgcolor

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

### isExpandedView

boolean **isExpandedView**

### audioExpanded

boolean **audioExpanded**

### vPos

int **vPos**

### hPos

int **hPos**

### player

hm20player **player**

### icons

byte[] **icons**

### iconsImage

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

### iconsString

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

### buttons

int[] **buttons**

### allButtons

int[] **allButtons**

### isEnabled

boolean[] **isEnabled**

### dummyURL

[URL](http://java.sun.com/javase/6/docs/api/java/net/URL.html?is-external=true) **dummyURL**

### singleAudio

boolean **singleAudio**

### hasHor

boolean **hasHor**

### hasZoom

boolean **hasZoom**

### radioButtonsCount

int **radioButtonsCount**

### buttonsCount

int **buttonsCount**

### selected

int **selected**

### rBegin

int **rBegin**

### rEnd

int **rEnd**

### audioPlayer

hm20player **audioPlayer**

### state

int **state**

### prevCursorType

int **prevCursorType**

### previousMouseDownIn

int **previousMouseDownIn**

### audioCached

boolean **audioCached**

| **Class hm20ipix extends hm20player implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### gn

hm20ipixb **gn**

### gm

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

| **Class hm20ipixa extends** [**Panel**](http://java.sun.com/javase/6/docs/api/java/awt/Panel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### gk

hm20ipixd **gk**

### gj

boolean **gj**

### gi

int **gi**

### gh

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

### io

float **io**

### gg

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

### gf

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

### ge

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

### gd

[Applet](http://java.sun.com/javase/6/docs/api/java/applet/Applet.html?is-external=true) **gd**

### gc

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

### gb

int[] **gb**

### ga

float[] **ga**

### f9

[Image](http://java.sun.com/javase/6/docs/api/java/awt/Image.html?is-external=true) **f9**

### f8

boolean **f8**

### f7

int **f7**

### f6

int **f6**

### gp

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

### im

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

### il

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

### ik

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

### ij

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

### ii

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

### ih

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

### ig

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

### if

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

### ie

hm20ipixc **ie**

### ic

int **ic**

### ib

int **ib**

### ia

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

### h9

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h9**

### h8

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h8**

### h7

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h7**

### h6

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h6**

### h5

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h5**

### h4

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h4**

### h3

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h3**

### h2

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h2**

### h1

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h1**

### h0

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true)[] **h0**

### h\_

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

### hz

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

### hy

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

### hx

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

### hw

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

### hv

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

### hu

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

### ht

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

### hs

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

### hr

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

### hq

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

### hp

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

### ho

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

### hn

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

### hm

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

### hl

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

### hk

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

### hj

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

### hi

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

### hh

int[] **hh**

### hg

int[] **hg**

### hf

int[] **hf**

### he

int[] **he**

### hd

int[] **hd**

### hc

boolean **hc**

### hb

boolean **hb**

### ha

int **ha**

### g9

int **g9**

### g8

int **g8**

### g7

int **g7**

### g6

float **g6**

### g5

float **g5**

### g4

boolean **g4**

### g3

int **g3**

### g2

long **g2**

### g0

[Rectangle](http://java.sun.com/javase/6/docs/api/java/awt/Rectangle.html?is-external=true) **g0**

### g\_

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

### gz

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

### gy

int **gy**

### gx

int **gx**

### gw

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

### gv

int **gv**

### gu

long **gu**

### gt

long **gt**

| **Class hm20ipixb extends hm20ipixa implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### fu

hm20ipix **fu**

### gs

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **gs**

### gr

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **gr**

### gq

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **gq**

### go

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **go**

### gp

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

### gj

boolean **gj**

### gg

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

### f8

boolean **f8**

| **Class hm20master extends** [**Applet**](http://java.sun.com/javase/6/docs/api/java/applet/Applet.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### mvrURL

[URL](http://java.sun.com/javase/6/docs/api/java/net/URL.html?is-external=true) **mvrURL**

### hm

[Applet](http://java.sun.com/javase/6/docs/api/java/applet/Applet.html?is-external=true) **hm**

### argsArray

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

### trackDefs

byte[] **trackDefs**

### hmPlayer

javax.media.Player **hmPlayer**

### realizeComplete

boolean **realizeComplete**

### started

boolean **started**

| **Class hm20masterorig extends** [**Applet**](http://java.sun.com/javase/6/docs/api/java/applet/Applet.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### masterThread

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

### stopThread

boolean **stopThread**

### mvrDataStream

[DataInputStream](http://java.sun.com/javase/6/docs/api/java/io/DataInputStream.html?is-external=true) **mvrDataStream**

### showGUI

int **showGUI**

### actionHandler

hm20player **actionHandler**

### gui

hm20player **gui**

### mainApplet

[Applet](http://java.sun.com/javase/6/docs/api/java/applet/Applet.html?is-external=true) **mainApplet**

### guiAdded

boolean **guiAdded**

### mvrURL

[URL](http://java.sun.com/javase/6/docs/api/java/net/URL.html?is-external=true) **mvrURL**

### mvrPrefix

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

### t2str

[String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) **t2str**

### t2mode

char **t2mode**

### t2target

[String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) **t2target**

### eosMVR

boolean **eosMVR**

### cached

boolean **cached**

### mayRun

boolean **mayRun**

### forkedMaster

hm20masterorig **forkedMaster**

### forkedURL

[URL](http://java.sun.com/javase/6/docs/api/java/net/URL.html?is-external=true) **forkedURL**

### forked

boolean **forked**

### hasVisual

boolean **hasVisual**

### giGUIControl

int **giGUIControl**

### audioPlaying

boolean **audioPlaying**

### audioPlayer

hm20player **audioPlayer**

### allowForking

boolean **allowForking**

### dontTrack

boolean **dontTrack**

### giAllowTracking

boolean **giAllowTracking**

### startTime

long **startTime**

### bytesRead

int **bytesRead**

### hasLabels

boolean **hasLabels**

### genInfoProcessed

boolean **genInfoProcessed**

### fhVersionNum

short **fhVersionNum**

### giHasMediaFrames

boolean **giHasMediaFrames**

### giFileSize

int **giFileSize**

### tdPlayer

hm20player[] **tdPlayer**

### playerInstances

[Hashtable](http://java.sun.com/javase/6/docs/api/java/util/Hashtable.html?is-external=true)<[K](http://java.sun.com/javase/6/docs/api/java/util/Hashtable.html?is-external=true),[V](http://java.sun.com/javase/6/docs/api/java/util/Hashtable.html?is-external=true)> **playerInstances**

| **Class hm20pan extends hm20player implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### imgSource

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

### windowImage

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

### bycThreadState

byte **bycThreadState**

### appletThread

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

### lastTime

long **lastTime**

### totalTime

long **totalTime**

### imagesRendered

int **imagesRendered**

### mouseDown

int **mouseDown**

### startDragX

int **startDragX**

### startDragY

int **startDragY**

### bVelocityMode

boolean **bVelocityMode**

### fElevationVelocity

double **fElevationVelocity**

### fAzimuthVelocity

double **fAzimuthVelocity**

### fFOVVelocity

double **fFOVVelocity**

### velRendered

int **velRendered**

### velDur

long **velDur**

### velStart

long **velStart**

### nRightLeft

int **nRightLeft**

### nInOut

int **nInOut**

### nUpDown

int **nUpDown**

### logoTime

long **logoTime**

### bLogoPresent

boolean **bLogoPresent**

### fRateFactor

double **fRateFactor**

### panFactorX

double **panFactorX**

### panFactorY

double **panFactorY**

### panFactorZ

double **panFactorZ**

### fInitAzimuth

double **fInitAzimuth**

### fInitElev

double **fInitElev**

### fInitFOV

double **fInitFOV**

### fInitAzVel

double **fInitAzVel**

### fInitElVel

double **fInitElVel**

### fInitZmVel

double **fInitZmVel**

### fPlayVel

double **fPlayVel**

### fyMinPan

double **fyMinPan**

### fZoomVel

double **fZoomVel**

### fxMousePan

double **fxMousePan**

### fyMousePan

double **fyMousePan**

### fMouseZoom

double **fMouseZoom**

### fMinFOV

double **fMinFOV**

### fMaxFOV

double **fMaxFOV**

### fxMaxVel

double **fxMaxVel**

### fyMaxVel

double **fyMaxVel**

### fMaxZoom

double **fMaxZoom**

### icOldHotlink

int **icOldHotlink**

### offset

int **offset**

### icMouseX

int **icMouseX**

### icMouseY

int **icMouseY**

### icMousePanX

int **icMousePanX**

### icTentativeHotlinkIndex

int **icTentativeHotlinkIndex**

### icHotlinkIndex

int **icHotlinkIndex**

### bcOutside

boolean **bcOutside**

### bShowALink

boolean **bShowALink**

### bShowATrackSwitch

boolean **bShowATrackSwitch**

### rDraw

int[][] **rDraw**

### nDraw

int **nDraw**

### bcCursorOverHot

boolean **bcCursorOverHot**

### icX

int **icX**

### icY

int **icY**

### icW

int **icW**

### icH

int **icH**

### bcEndOfData

boolean **bcEndOfData**

### icMouseDownX

int **icMouseDownX**

### icMouseDownY

int **icMouseDownY**

### icMouseDownActionIndex

int **icMouseDownActionIndex**

### bcMouseDownFrameNotDisturbed

boolean **bcMouseDownFrameNotDisturbed**

### bcLeftMouseWasDown

boolean **bcLeftMouseWasDown**

### consumerPan

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

### projectedImageArrayInt

int[] **projectedImageArrayInt**

### fAzimuth

double **fAzimuth**

### fFOVAngle

double **fFOVAngle**

### fElevation

double **fElevation**

### fVertFOV

double **fVertFOV**

### fSensitive

int **fSensitive**

### fPI

double **fPI**

### fMaxAzimuth

double **fMaxAzimuth**

### fLeftAzimuth

double **fLeftAzimuth**

### fRightAzimuth

double **fRightAzimuth**

### fUpperFOV

double **fUpperFOV**

### fLowerFOV

double **fLowerFOV**

### fHorizonEl

double **fHorizonEl**

### pColumnTable

int[] **pColumnTable**

### pCosTable

double[] **pCosTable**

### prodSource

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

### done

int **done**

### pixelsSource

int[][] **pixelsSource**

### widthSource

int **widthSource**

### heightSource

int **heightSource**

| **Class hm20player extends** [**Panel**](http://java.sun.com/javase/6/docs/api/java/awt/Panel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### masterObject

hm20masterorig **masterObject**

### trackID

byte **trackID**

### mediaType

byte **mediaType**

### mediaSubType

byte **mediaSubType**

| **Class hm20slide extends hm20player implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### tcThreadEngine

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

### bycThreadState

byte **bycThreadState**

### iDirection

int **iDirection**

### vbycAEffect

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vbycAEffect**

### vicImgProperty

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vicImgProperty**

### vcMvrImage

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vcMvrImage**

### imcOffScrImage

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

### dcEffectTime

double **dcEffectTime**

### icZoomDir

int **icZoomDir**

### bcMustZoom

boolean **bcMustZoom**

### bcMustPauseZoom

boolean **bcMustPauseZoom**

### bShowALink

boolean **bShowALink**

### icNumImagesFile

int **icNumImagesFile**

### icNumRows

int **icNumRows**

### bcWrapCols

boolean **bcWrapCols**

### bcWrapRows

boolean **bcWrapRows**

### icAnimBehavior

int **icAnimBehavior**

### dcZoomMin

double **dcZoomMin**

### dcZoomMax

double **dcZoomMax**

### dcPlayZoomVel

double **dcPlayZoomVel**

### icAnimInterval

int **icAnimInterval**

### bcAnimPaused

boolean **bcAnimPaused**

### bcAnimOnceJustRestarted

boolean **bcAnimOnceJustRestarted**

### icNumImages

int **icNumImages**

### icFrameNum

int **icFrameNum**

### icFrameNumLoaded

int **icFrameNumLoaded**

### icFrameNumPainted

int **icFrameNumPainted**

### dcZoom

double **dcZoom**

### icRowSelected

int **icRowSelected**

### icZoomMask

int **icZoomMask**

### icLastX

int **icLastX**

### icLastY

int **icLastY**

### icXPan

int **icXPan**

### icYPan

int **icYPan**

### icMouseX

int **icMouseX**

### icMouseY

int **icMouseY**

### icMouseDownX

int **icMouseDownX**

### icMouseDownY

int **icMouseDownY**

### icMouseDownActionIndex

int **icMouseDownActionIndex**

### bcMouseDownFrameNotDisturbed

boolean **bcMouseDownFrameNotDisturbed**

### bcLeftMouseWasDown

boolean **bcLeftMouseWasDown**

### bcPanning

boolean **bcPanning**

### bcZooming

boolean **bcZooming**

### dcLastZoom

double **dcLastZoom**

### icTentativeHotlinkIndex

int **icTentativeHotlinkIndex**

### icHotlinkIndex

int **icHotlinkIndex**

### icUpdateOldHotlinkIndex

int **icUpdateOldHotlinkIndex**

### rToDraw

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

### flg

boolean **flg**

### icMouseMotion

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

### bAhReady

boolean **bAhReady**

### icUpdateOldFrameNum

int **icUpdateOldFrameNum**

### icUpdateOld

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

### icAppWidth

int **icAppWidth**

### icAppHeight

int **icAppHeight**

### bcPaintImageBusy

boolean **bcPaintImageBusy**

### icX

int **icX**

### icY

int **icY**

### icW

int **icW**

### icH

int **icH**

### bcLoaded

boolean **bcLoaded**

### bcOutside

boolean **bcOutside**

### bcForcePaint

boolean **bcForcePaint**

### bcEndOfData

boolean **bcEndOfData**

### projectedImageArrayInt

int[] **projectedImageArrayInt**

### hints

int **hints**

### consumer

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

### icAEffectIn

int **icAEffectIn**

### icAEffectLR

int **icAEffectLR**

### icAEffectHL

int **icAEffectHL**

### icAEffectSteps

int **icAEffectSteps**

### bcAEffectForward

boolean **bcAEffectForward**

### icFrameNumPrev

int **icFrameNumPrev**

### icAEffect

int **icAEffect**

### dvcSavedRandomOut

double[] **dvcSavedRandomOut**

### icRandomLength

int **icRandomLength**

| **Class** [**ImageDisplay**](http://docs.google.com/ImageDisplay.html) **extends** [**JPanel**](http://java.sun.com/javase/6/docs/api/javax/swing/JPanel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### image

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

### prefSize

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

### currentX

int **currentX**

### currentY

int **currentY**

| **Class JMFInit extends** [**Frame**](http://java.sun.com/javase/6/docs/api/java/awt/Frame.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### tempDir

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

### textBox

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

### done

boolean **done**

### userHome

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

| **Class JMFRegistry extends jmapps.ui.JMFrame implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### tabs

com.sun.media.ui.TabControl **tabs**

### panelPM

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

### panelPIM

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

### panelCDM

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

### panelMime

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

### panelOther

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

| **Class JMStudio extends jmapps.ui.PlayerFrame implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### menuRecentUrl

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

### menuAE

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

### menuVE

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

### menuFileClose

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

### menuFileExport

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

### menuCapture

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

### menuAutoPlay

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

### menuAutoLoop

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

### menuKeepAspect

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

### menuFullScreen

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

### menuSnapShot

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

### menuPlugins

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

### menuCaptureControl

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

### menuRtpSessionControl

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

### menuTransmissionStats

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

### dimFrameSizeBeforeFullScreen

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

### windowFullScreen

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

### listenerMouseFullScreen

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

### controlPlugins

javax.media.Control **controlPlugins**

### componentPlugins

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

### controlGrabber

javax.media.control.FrameGrabbingControl **controlGrabber**

### dlgOpenFile

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

### jmfRegistry

JMFRegistry **jmfRegistry**

### vectorRtpFrames

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vectorRtpFrames**

### frameSnap

jmapps.ui.SnapFrame **frameSnap**

### dlgTransmissionStats

jmapps.rtp.TransmissionStatsDialog **dlgTransmissionStats**

### dlgSessionControl

jmapps.rtp.SessionControlDialog **dlgSessionControl**

### strOptionalTitle

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

### dataSourceCurrent

javax.media.protocol.DataSource **dataSourceCurrent**

### nameCaptureDeviceAudio

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

### nameCaptureDeviceVideo

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

### audioEffect

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

### videoEffect

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

### dlgCaptureControls

jmapps.jmstudio.CaptureControlsDialog **dlgCaptureControls**

### mngrSessionRtp

com.sun.media.rtp.RTPSessionMgr **mngrSessionRtp**

### vectorMngrSessions

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vectorMngrSessions**

### vectorStreams

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vectorStreams**

### vectorStreamLabels

[Vector](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)<[E](http://java.sun.com/javase/6/docs/api/java/util/Vector.html?is-external=true)> **vectorStreamLabels**

### killed

boolean **killed**

### recvRTP

boolean **recvRTP**

### hostAddress

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

### port

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

### rtptimer

JMStudio.RTPTimer **rtptimer**

| **Class** [**MovieCapturePanel**](http://docs.google.com/MovieCapturePanel.html) **extends** [**JPanel**](http://java.sun.com/javase/6/docs/api/javax/swing/JPanel.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### shapeComponent

[ShapeComponent](http://docs.google.com/ShapeComponent.html) **shapeComponent**

captured screen area and pick region area

### buttonPanel

[CaptureButtonPanel](http://docs.google.com/CaptureButtonPanel.html) **buttonPanel**

panel with buttons to control capture

### movieCapturer

[MovieCapturer](http://docs.google.com/MovieCapturer.html) **movieCapturer**

class that holds information on the capture

| **Class** [**ShapeComponent**](http://docs.google.com/ShapeComponent.html) **extends** [**JComponent**](http://java.sun.com/javase/6/docs/api/javax/swing/JComponent.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### shapes

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

### currentShape

[AbstractShape](http://docs.google.com/AbstractShape.html) **currentShape**

### currShapeType

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

### width

int **width**

### height

int **height**

### backgroundColor

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

### backgroundImage

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

### backgroundG

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

### videoHandler

[VideoCapturer](http://docs.google.com/VideoCapturer.html) **videoHandler**

| **Class SimplePlayerApplet extends** [**Applet**](http://java.sun.com/javase/6/docs/api/java/applet/Applet.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### player

javax.media.Player **player**

### visualComponent

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

### controlComponent

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

### progressBar

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

### firstTime

boolean **firstTime**

### CachingSize

long **CachingSize**

### panel

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

### controlPanelHeight

int **controlPanelHeight**

### videoWidth

int **videoWidth**

### videoHeight

int **videoHeight**

| **Class** [**SoundException**](http://docs.google.com/SoundException.html) **extends** [**Exception**](http://java.sun.com/javase/6/docs/api/java/lang/Exception.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Class** [**World**](http://docs.google.com/World.html) **extends** [**JComponent**](http://java.sun.com/javase/6/docs/api/javax/swing/JComponent.html?is-external=true) **implements Serializable** | |
| --- | --- |

| **Serialized Fields** |
| --- |

### autoRepaint

boolean **autoRepaint**

should automatically repaint when model changed

### background

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

the background color for the world

### width

int **width**

the width of the world

### height

int **height**

the height of the world

### turtleList

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

the list of turtles in the world

### frame

[JFrame](http://java.sun.com/javase/6/docs/api/javax/swing/JFrame.html?is-external=true) **frame**

the JFrame to show this world in

### picture

[Picture](http://docs.google.com/Picture.html) **picture**

background picture

| | [**Package**](http://docs.google.com/package-summary.html) | Class | [**Tree**](http://docs.google.com/overview-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   NEXT | [**FRAMES**](http://docs.google.com/index.html?serialized-form.html)    [**NO FRAMES**](http://docs.google.com/serialized-form.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |