| | [**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/JpegImagesToMovie.html)   [**NEXT CLASS**](http://docs.google.com/JpegImagesToMovie.ImageSourceStream.html) | [**FRAMES**](http://docs.google.com/index.html?JpegImagesToMovie.ImageDataSource.html)    [**NO FRAMES**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## Class JpegImagesToMovie.ImageDataSource

[java.lang.Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true)  
 javax.media.protocol.DataSource  
 javax.media.protocol.PullBufferDataSource  
 **JpegImagesToMovie.ImageDataSource**

**All Implemented Interfaces:** javax.media.Controls, javax.media.Duration **Enclosing class:**[JpegImagesToMovie](http://docs.google.com/JpegImagesToMovie.html)

class **JpegImagesToMovie.ImageDataSource**extends javax.media.protocol.PullBufferDataSource

A DataSource to read from a list of JPEG image files and turn that into a stream of JMF buffers. The DataSource is not seekable or positionable.

| **Field Summary** | |
| --- | --- |
| (package private)  [JpegImagesToMovie.ImageSourceStream](http://docs.google.com/JpegImagesToMovie.ImageSourceStream.html)[] | [**streams**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#streams) |

| **Fields inherited from interface javax.media.Duration** |
| --- |
| DURATION\_UNBOUNDED, DURATION\_UNKNOWN |

| **Constructor Summary** | |
| --- | --- |
| [**JpegImagesToMovie.ImageDataSource**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#JpegImagesToMovie.ImageDataSource(int,%20int,%20int,%20java.util.List))(int width, int height, int frameRate, [List](http://java.sun.com/javase/6/docs/api/java/util/List.html?is-external=true) images) |

| **Method Summary** | |
| --- | --- |
| void | [**connect**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#connect())() |
| void | [**disconnect**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#disconnect())() |
| [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) | [**getContentType**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#getContentType())()            Content type is of RAW since we are sending buffers of video frames without a container format. |
| [Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true) | [**getControl**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#getControl(java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) type) |
| [Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true)[] | [**getControls**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#getControls())() |
| javax.media.Time | [**getDuration**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#getDuration())()            We could have derived the duration from the number of frames and frame rate. |
| javax.media.MediaLocator | [**getLocator**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#getLocator())() |
| javax.media.protocol.PullBufferStream[] | [**getStreams**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#getStreams())()            Return the ImageSourceStreams. |
| void | [**setLocator**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#setLocator(javax.media.MediaLocator))(javax.media.MediaLocator source) |
| void | [**start**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#start())() |
| void | [**stop**](http://docs.google.com/JpegImagesToMovie.ImageDataSource.html#stop())() |

| **Methods inherited from class javax.media.protocol.DataSource** |
| --- |
| initCheck |

| **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)) |

| **Field Detail** |
| --- |

### streams

[JpegImagesToMovie.ImageSourceStream](http://docs.google.com/JpegImagesToMovie.ImageSourceStream.html)[] **streams**

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

### JpegImagesToMovie.ImageDataSource

**JpegImagesToMovie.ImageDataSource**(int width,  
 int height,  
 int frameRate,  
 [List](http://java.sun.com/javase/6/docs/api/java/util/List.html?is-external=true) images)

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

### setLocator

public void **setLocator**(javax.media.MediaLocator source)

**Overrides:**setLocator in class javax.media.protocol.DataSource

### getLocator

public javax.media.MediaLocator **getLocator**()

**Overrides:**getLocator in class javax.media.protocol.DataSource

### getContentType

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

Content type is of RAW since we are sending buffers of video frames without a container format.

**Specified by:**getContentType in class javax.media.protocol.DataSource

### connect

public void **connect**()

**Specified by:**connect in class javax.media.protocol.DataSource

### disconnect

public void **disconnect**()

**Specified by:**disconnect in class javax.media.protocol.DataSource

### start

public void **start**()

**Specified by:**start in class javax.media.protocol.DataSource

### stop

public void **stop**()

**Specified by:**stop in class javax.media.protocol.DataSource

### getStreams

public javax.media.protocol.PullBufferStream[] **getStreams**()

Return the ImageSourceStreams.

**Specified by:**getStreams in class javax.media.protocol.PullBufferDataSource

### getDuration

public javax.media.Time **getDuration**()

We could have derived the duration from the number of frames and frame rate. But for the purpose of this program, it's not necessary.

**Specified by:**getDuration in interface javax.media.Duration**Specified by:**getDuration in class javax.media.protocol.DataSource

### getControls

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

**Specified by:**getControls in interface javax.media.Controls**Specified by:**getControls in class javax.media.protocol.DataSource

### getControl

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

**Specified by:**getControl in interface javax.media.Controls**Specified by:**getControl in class javax.media.protocol.DataSource

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