JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
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* [Tree](http://docs.google.com/package-tree.html)
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* [Prev Class](http://docs.google.com/org/opencv/android/CameraBridgeViewBase.ListItemAccessor.html)
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* [Frames](http://docs.google.com/index.html?org/opencv/android/CameraGLRendererBase.html)
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org.opencv.android

## Class CameraGLRendererBase

* java.lang.Object
  + org.opencv.android.CameraGLRendererBase
* All Implemented Interfaces: android.graphics.SurfaceTexture.OnFrameAvailableListener, android.opengl.GLSurfaceView.Renderer Direct Known Subclasses: [Camera2Renderer](http://docs.google.com/org/opencv/android/Camera2Renderer.html), [CameraRenderer](http://docs.google.com/org/opencv/android/CameraRenderer.html)  
    
  public abstract class CameraGLRendererBase  
  extends java.lang.Object  
  implements android.opengl.GLSurfaceView.Renderer, android.graphics.SurfaceTexture.OnFrameAvailableListener

### Constructor SummaryConstructors

| Constructor and Description |
| --- |
| [**CameraGLRendererBase**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#CameraGLRendererBase(org.opencv.android.CameraGLSurfaceView))([CameraGLSurfaceView](http://docs.google.com/org/opencv/android/CameraGLSurfaceView.html) view) |

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| void | [**disableView**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#disableView())() |
| void | [**enableView**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#enableView())() |
| void | [**onDrawFrame**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#onDrawFrame(javax.microedition.khronos.opengles.GL10))(javax.microedition.khronos.opengles.GL10 gl) |
| void | [**onFrameAvailable**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#onFrameAvailable(android.graphics.SurfaceTexture))(android.graphics.SurfaceTexture surfaceTexture) |
| void | [**onPause**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#onPause())() |
| void | [**onResume**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#onResume())() |
| void | [**onSurfaceChanged**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#onSurfaceChanged(javax.microedition.khronos.opengles.GL10,%20int,%20int))(javax.microedition.khronos.opengles.GL10 gl, int surfaceWidth, int surfaceHeight) |
| void | [**onSurfaceCreated**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#onSurfaceCreated(javax.microedition.khronos.opengles.GL10,%20javax.microedition.khronos.egl.EGLConfig))(javax.microedition.khronos.opengles.GL10 gl, javax.microedition.khronos.egl.EGLConfig config) |
| void | [**setCameraIndex**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#setCameraIndex(int))(int cameraIndex) |
| void | [**setMaxCameraPreviewSize**](http://docs.google.com/org/opencv/android/CameraGLRendererBase.html#setMaxCameraPreviewSize(int,%20int))(int maxWidth, int maxHeight) |

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### CameraGLRendererBase public CameraGLRendererBase([CameraGLSurfaceView](http://docs.google.com/org/opencv/android/CameraGLSurfaceView.html) view)

### Method Detail

#### disableView public void disableView()

#### enableView public void enableView()

#### onDrawFrame public void onDrawFrame(javax.microedition.khronos.opengles.GL10 gl)**Specified by:** onDrawFrame in interface android.opengl.GLSurfaceView.Renderer

#### onFrameAvailable public void onFrameAvailable(android.graphics.SurfaceTexture surfaceTexture)**Specified by:** onFrameAvailable in interface android.graphics.SurfaceTexture.OnFrameAvailableListener

#### onPause public void onPause()

#### onResume public void onResume()

#### onSurfaceChanged public void onSurfaceChanged(javax.microedition.khronos.opengles.GL10 gl, int surfaceWidth, int surfaceHeight)**Specified by:** onSurfaceChanged in interface android.opengl.GLSurfaceView.Renderer

#### onSurfaceCreated public void onSurfaceCreated(javax.microedition.khronos.opengles.GL10 gl, javax.microedition.khronos.egl.EGLConfig config)**Specified by:** onSurfaceCreated in interface android.opengl.GLSurfaceView.Renderer

#### setCameraIndex public void setCameraIndex(int cameraIndex)

#### setMaxCameraPreviewSize public void setMaxCameraPreviewSize(int maxWidth, int maxHeight)

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