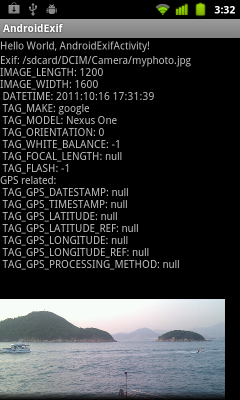
Read Exif of JPG file using ExifInterface

[android.media.ExifInterface](http://developer.android.com/reference/android/media/ExifInterface.html) is a class for reading and writing Exif tags in a JPEG file. It can read and write various Exif Tag from and to JPG files, depends on API Level.  
  
Here is a example with android:minSdkVersion="8", Android 2.2.  
  
[](http://3.bp.blogspot.com/-A1FkLUlFyZE/Tp3WZLJ31-I/AAAAAAAAATY/DffRIF0hd6o/s1600/AndroidExif.png)

[?](http://android-coding.blogspot.ru/2011/10/read-exif-of-jpg-file-using.html)

package com.AndroidExif;

import java.io.IOException;

import android.app.Activity;

import android.graphics.Bitmap;

import android.graphics.BitmapFactory;

import android.media.ExifInterface;

import android.os.Bundle;

import android.widget.ImageView;

import android.widget.TextView;

import android.widget.Toast;

public class AndroidExifActivity extends Activity {

 String imagefile ="/sdcard/DCIM/Camera/myphoto.jpg";

 ImageView image;

 TextView Exif;

    /\*\* Called when the activity is first created. \*/

    @Override

    public void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.main);

        image = (ImageView)findViewById(R.id.image);

        Exif = (TextView)findViewById(R.id.exif);

        ImageView image = (ImageView)findViewById(R.id.image);

        Bitmap bm = BitmapFactory.decodeFile(imagefile);

        image.setImageBitmap(bm);

        Exif.setText(ReadExif(imagefile));

    }

    String ReadExif(String file){

     String exif="Exif: " + file;

     try {

   ExifInterface exifInterface = new ExifInterface(file);

   exif += "\nIMAGE\_LENGTH: " + exifInterface.getAttribute(ExifInterface.TAG\_IMAGE\_LENGTH);

   exif += "\nIMAGE\_WIDTH: " + exifInterface.getAttribute(ExifInterface.TAG\_IMAGE\_WIDTH);

   exif += "\n DATETIME: " + exifInterface.getAttribute(ExifInterface.TAG\_DATETIME);

   exif += "\n TAG\_MAKE: " + exifInterface.getAttribute(ExifInterface.TAG\_MAKE);

   exif += "\n TAG\_MODEL: " + exifInterface.getAttribute(ExifInterface.TAG\_MODEL);

   exif += "\n TAG\_ORIENTATION: " + exifInterface.getAttribute(ExifInterface.TAG\_ORIENTATION);

   exif += "\n TAG\_WHITE\_BALANCE: " + exifInterface.getAttribute(ExifInterface.TAG\_WHITE\_BALANCE);

   exif += "\n TAG\_FOCAL\_LENGTH: " + exifInterface.getAttribute(ExifInterface.TAG\_FOCAL\_LENGTH);

   exif += "\n TAG\_FLASH: " + exifInterface.getAttribute(ExifInterface.TAG\_FLASH);

   exif += "\nGPS related:";

   exif += "\n TAG\_GPS\_DATESTAMP: " + exifInterface.getAttribute(ExifInterface.TAG\_GPS\_DATESTAMP);

   exif += "\n TAG\_GPS\_TIMESTAMP: " + exifInterface.getAttribute(ExifInterface.TAG\_GPS\_TIMESTAMP);

   exif += "\n TAG\_GPS\_LATITUDE: " + exifInterface.getAttribute(ExifInterface.TAG\_GPS\_LATITUDE);

   exif += "\n TAG\_GPS\_LATITUDE\_REF: " + exifInterface.getAttribute(ExifInterface.TAG\_GPS\_LATITUDE\_REF);

   exif += "\n TAG\_GPS\_LONGITUDE: " + exifInterface.getAttribute(ExifInterface.TAG\_GPS\_LONGITUDE);

   exif += "\n TAG\_GPS\_LONGITUDE\_REF: " + exifInterface.getAttribute(ExifInterface.TAG\_GPS\_LONGITUDE\_REF);

   exif += "\n TAG\_GPS\_PROCESSING\_METHOD: " + exifInterface.getAttribute(ExifInterface.TAG\_GPS\_PROCESSING\_METHOD);

   Toast.makeText(AndroidExifActivity.this,

     "finished",

     Toast.LENGTH\_LONG).show();

  } catch (IOException e) {

   // TODO Auto-generated catch block

   e.printStackTrace();

   Toast.makeText(AndroidExifActivity.this,

     e.toString(),

     Toast.LENGTH\_LONG).show();

  }

     return exif;

    }

}

[?](http://android-coding.blogspot.ru/2011/10/read-exif-of-jpg-file-using.html)

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?>  <LinearLayout xmlns:android="<http://schemas.android.com/apk/res/android>"      android:orientation="vertical"      android:layout\_width="fill\_parent"      android:layout\_height="fill\_parent"      >  <TextView      android:layout\_width="fill\_parent"      android:layout\_height="wrap\_content"      android:text="@string/hello"      />  <ScrollView      android:orientation="vertical"      android:layout\_width="fill\_parent"      android:layout\_height="fill\_parent"   >  <LinearLayout      android:orientation="vertical"      android:layout\_width="fill\_parent"      android:layout\_height="wrap\_content"      >  <TextView      android:id="@+id/exif"      android:layout\_width="fill\_parent"      android:layout\_height="wrap\_content"      />  <ImageView      android:id="@+id/image"      android:layout\_width="300dp"      android:layout\_height="300dp"      />  </LinearLayout>  </ScrollView>  </LinearLayout> |