



Audio/video and images

MediaController and **VideoView** classes, we can play the video files in android

MediaController class

The **android.widget.MediaController** is a view that contains media controls like play/pause, previous, next, fast-forward, rewind etc.

VideoView class

The **android.widget.VideoView** class provides methods to play and control the video player. The commonly used methods of VideoView class are as follows:

Method	Description
public void setMediaController(MediaController controller)	sets the media controller to the video view.
public void setVideoURI (Uri uri)	sets the URI of the video file.
public void start()	starts the video view.
public void stopPlayback()	stops the playback.
public void pause()	pauses the playback.
public void suspend()	suspends the playback.
public void resume()	resumes the playback.
public void seekTo(int millis)	seeks to specified time in milliseconds.

```
RelativeLayout xmlns:androclass="http://schemas.android.com/apk/res/android
"

xmlns:tools="http://schemas.android.com/tools"
```

```
android:layout_width="match_parent"  
android:layout_height="match_parent"  
tools:context=".MainActivity" >
```

```
<VideoView  
    android:id="@+id/videoView1"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignParentLeft="true"  
    android:layout_centerVertical="true" />
```

```
</RelativeLayout>
```

```
package com.example.video1;
```

```
import android.net.Uri;
```

```
import android.os.Bundle;
```

```
import android.app.Activity;
```

```
import android.view.Menu;
```

```
import android.widget.MediaController;
```

```
import android.widget.VideoView;
```

```
public class MainActivity extends Activity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        VideoView videoView =(VideoView)findViewById(R.id.videoView1);

        //Creating MediaController

        MediaController mediaController= new MediaController(this);

        mediaController.setAnchorView(videoView);

        //specify the location of media file

        Uri uri=Uri.parse(Environment.getExternalStorageDirectory().getPath()
+ "/media/1.mp4");

        //Setting MediaController and URI, then starting the videoView

        videoView.setMediaController(mediaController);

        videoView.setVideoURI(uri);

        videoView.requestFocus();

        videoView.start();
```

```
}  
  
@Override  
public boolean onCreateOptionsMenu(Menu menu) {  
    // Inflate the menu; this adds items to the action bar if it is present.  
    getMenuInflater().inflate(R.menu.activity_main, menu);  
    return true;  
}  
  
}
```