Multimedia

Android Multimedia

Android multimedia api deals in playing and controlling the audio and video.

Playing Audio in android Example
Playing Video in android Example

Play and control the audio files in android by the help of **MediaPlayer class**.

MediaPlayer class

The **android.media.MediaPlayer** class is used to control the audio or video files.

Methods of MediaPlayer class

There are many methods of MediaPlayer class. Some of them are as follows:

Method	Description
public void setDataSource(String path)	sets the data source (file path or http url) to use.
public void prepare()	prepares the player for playback synchronously.
public void start()	it starts or resumes the playback.
public void stop()	it stops the playback.
public void pause()	it pauses the playback.
public boolean isPlaying()	checks if media player is playing.
public void seekTo(int millis)	seeks to specified time in miliseconds.

public void setLooping(boolean looping)	sets the player for looping or non-looping.
public boolean isLooping()	checks if the player is looping or non-looping.
public void selectTrack(int index)	it selects a track for the specified index.
public int getCurrentPosition()	returns the current playback position.
public int getDuration()	returns duration of the file.
public void setVolume(float leftVolume,float rightVolume)	sets the volume on this player.

```java
package com.example.audiomediaplayer1;


import android.media.MediaPlayer;

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) {
```

```java
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);


        MediaPlayer mp=new MediaPlayer();

        try{

            mp.setDataSource("/sdcard/Music/maine.mp3");

//Write your location here

            mp.prepare();

            mp.start();


        }catch(Exception e){e.printStackTrace();}


    }


    @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;

    }

 }
```