

# Service 없이 MP3 재생 비디오 재생

동서대학교 컴퓨터정보공학부  
강대기

# 오디오 재생하기

```
private static MediaPlayer m1;
private static MediaPlayer m2;
private static boolean isM1Playing;
private static boolean isM2Playing;
/** Called when the activity is first created. */
@Override
public void onCreate(Bundle savedInstanceState) {

    ....
    m1 = MediaPlayer.create(this, R.raw.one);
    m2 = MediaPlayer.create(this, R.raw.y);
    this.isM1Playing = false;
    this.isM2Playing = false;
    Button button1 = (Button)findViewById(R.id.button1);
    button1.setOnClickListener(
        new View.OnClickListener() {
            public void onClick(View v) {
                MediaPlayer m = Main.m1;
                if (Main.isM1Playing) {
                    Main.isM1Playing=false; m.stop(); Main.m1 = MediaPlayer.create(Main.this, R.raw.one);
                }
                else {
                    Main.isM1Playing=true; m.seekTo(0); m.start();
                }
            }
        }
    );
    Button button2 = (Button)findViewById(R.id.button2);
    button2.setOnClickListener(
        new View.OnClickListener() {
            public void onClick(View v) {
                MediaPlayer m = Main.m2;
                if (Main.isM2Playing) {
                    Main.isM2Playing=false; m.stop(); Main.m2 = MediaPlayer.create(Main.this, R.raw.y);
                }
                else {
                    Main.isM2Playing=true; m.seekTo(0); m.start();
                }
            }
        }
    );
}
```

Android Emulator (5554)



1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	DEL
↵	Z	X	C	V	B	N	M	.	↵
ALT	SYM	@	_			→	/	,	ALT

# 비디오 재생하기

- 지원되는 형식
  - MP4 (MPEG-4)
  - H.263
  - H.264 (AVC)

# 비디오 재생하기 (소스 코드)

```
package dsu.android;

import android.app.Activity;
import android.os.Bundle;
import android.widget.VideoView;

public class Main extends Activity {
    /** Called when the activity is first created. */
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.main);
        VideoView video = (VideoView) findViewById(R.id.video);
        video.setVideoPath("/data/samplevideo.mp4");
    }
}
```

# 비디오 재생하기 (XML 설정)

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout
  xmlns:android="http://schemas.android.com/apk/
  res/android"
  android:layout_width="fill_parent"
  android:layout_height="fill_parent"
  >
<VideoView
  android:id="@+id/video"
  android:layout_width="wrap_content"
  android:layout_height="wrap_content"
  android:layout_gravity="center"
  />
</FrameLayout>
```

# 비디오 재생하기 (비디오 업로드)

C:\...> start emulator

C:\...> adb push samplevideo.mp4 /data/samplevideo.mp4



# SD 카드 액세스 하기

```
C:\...> mkcard 256M c:\temp\sd.img
```

- 실행할 때, 이클립스 target 옵션 창에 다음을 넣음
- 또는 에뮬레이터 옵션으로 넣음

```
-sdcard c:\temp\sd.img
```

```
C:\...> adb push samplevideo.mp4  
/sdcard/samplevideo.mp4
```

```
video.setVideoPath("/sdcard/samplevideo.mp4");
```