

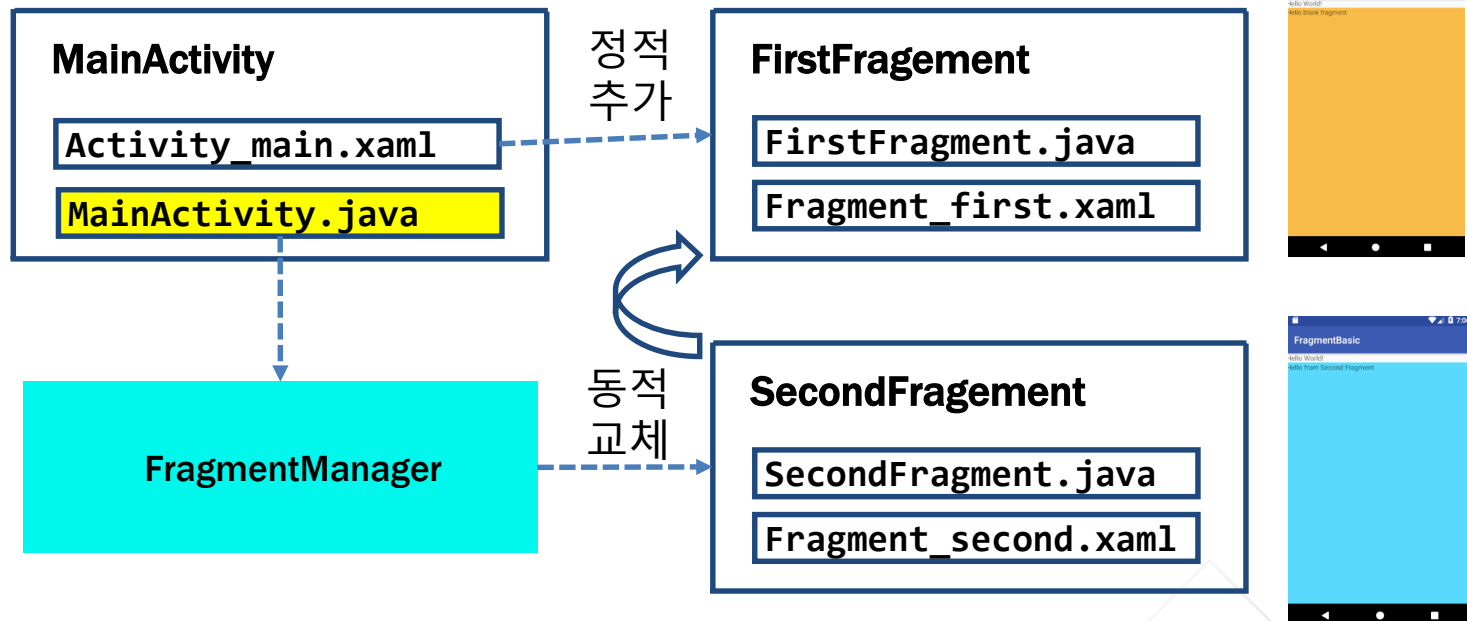


02

프래그먼트 동적 교체



가. 프래그먼트 동적 교체





가. 프래그먼트 동적 교체

```
public class MainActivity extends AppCompatActivity{
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        final FragmentTransaction fragmentTransaction =
            getSupportFragmentManager().beginTransaction();

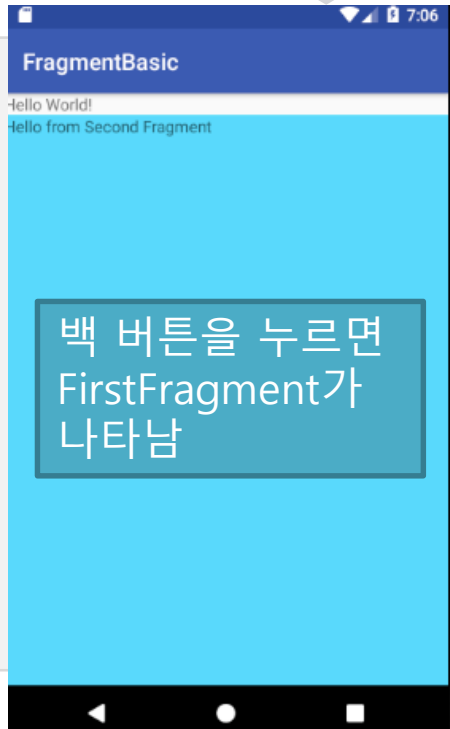
        fragmentTransaction.replace(R.id.container, new SecondFragment());

        fragmentTransaction.addToBackStack(null);

        fragmentTransaction.commit();
    }
}
```

FirstFragment와 동일
한 방법으로 생성됨

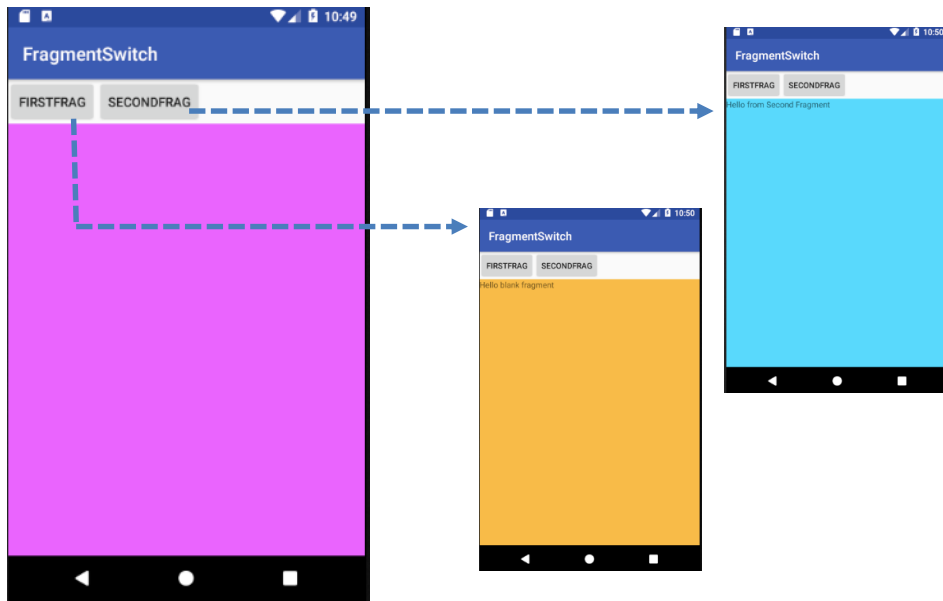
이전 프래그먼트를 백 스택에 보존되고, 교체 된 프래그먼트
가 전면에 나타남.
백 버튼 누르면 이전 프래그먼트로 되돌아감





나. 프래그먼트 동적 교체 예제 (1/4)

- ◆ 버튼을 누르면 해당 프래그먼트가 나타남





나. 프래그먼트 동적 교체 예제 (2/4)

◆ 액티비티

```
public class FragSwitchActivity extends AppCompatActivity {

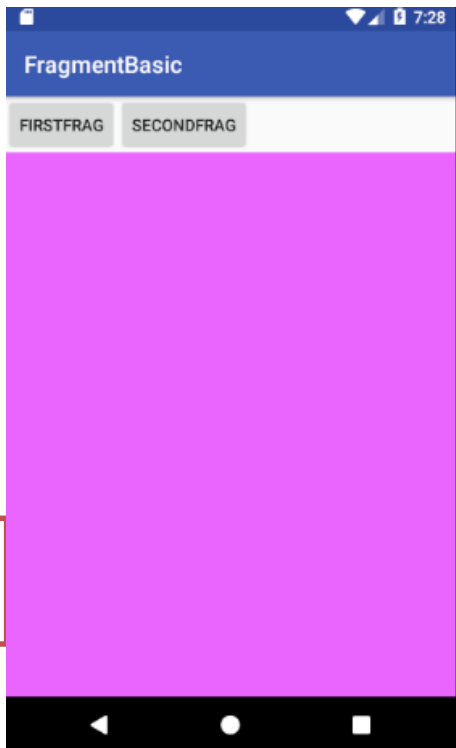
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_frag_switch);

        Button button = (Button)findViewById(R.id.button_first);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                switchFragment(0);
            }
        });
        button = (Button)findViewById(R.id.button_second);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                switchFragment(1);
            }
        });
    }
}
```



나. 프래그먼트 동적 교체 예제 (3/4)

◆ layout/activity_frag_switch.xml



FrameLayout 대신
다른 Layout을 사용
해도 됨

```
<LinearLayout ...
    android:orientation="vertical">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="FirstFrag"
            android:id="@+id/button_first"/>
        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="SecondFrag"
            android:id="@+id/button_second"/>
    </LinearLayout>
    <FrameLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:background="#ff00ff"
        android:id="@+id/fragment">
    </FrameLayout>
</LinearLayout>
```



나. 프래그먼트 동적 교체 예제 (2/4)

◆ 액티비티

```
public class FragSwitchActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_frag_switch);

        Button button = (Button)findViewById(R.id.button_first);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                switchFragment(0);
            }
        });
        button = (Button)findViewById(R.id.button_second);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                switchFragment(1);
            }
        });
    }
}
```



나. 프래그먼트 동적 교체 예제 (4/4)

◆ switchFragment()

```
final FirstFragment firstFragment = new FirstFragment();
final SecondFragment secondFragment = new SecondFragment();

protected void switchFragment(int id) {
    final FragmentTransaction fragmentTransaction =
        getSupportFragmentManager().beginTransaction();

    if (id == 0)
        fragmentTransaction.replace(R.id.fragment, firstFragment);
    else
        fragmentTransaction.replace(R.id.fragment, secondFragment);

    fragmentTransaction.commit();
}
```