



PRÁCTICA DE ANDROID

# Envío de parámetros entre actividades

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## **0.1. Introducción**

Esta práctica muestra cómo pasar parámetros entre actividades (o pantallas) de una aplicación de Android

# Capítulo 1

## Códigos

### 1.1. MainActivity.java

---

```
package sim.hecmundo.passing_parameters;

import android.content.Intent;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

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

    public void open_act2(View view){
        Intent i= new Intent(this,Main2Activity.class);
        EditText name = (EditText)findViewById(R.id.editText);
        String param = (String) name.getText().toString();
        i.putExtra("name",param);
        startActivity(i);
    }
}
```

---

Main2Activity.java

---

```
package sim.hecmundo.passing_parameters;

import android.os.Bundle;
```

```

import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.TextView;

public class Main2Activity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        TextView nombre = (TextView)findViewById(R.id.textView3);
        String param = getIntent().getStringExtra("name");
        nombre.setText(param);
    }

    public void open_act1(View view) {
        finish();
    }
}

```

---

activity\_main.xml

---

```

<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="sim.hecmundo.passing_parameters.MainActivity">

    <EditText
        android:id="@+id/editText"
        android:layout_width="293dp"
        android:layout_height="88dp"
        android:layout_marginBottom="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginRight="8dp"
        android:layout_marginTop="8dp"
        android:ems="10"
        android:hint="Whats your name?"
        android:inputType="textPersonName"
        android:textAppearance="@android:style/TextAppearance.Holo.Medium"
        android:textSize="30sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.503"

```

```

        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.276"
        tools:layout_editor_absoluteY="88dp" />

<Button
    android:id="@+id/button"
    android:layout_width="191dp"
    android:layout_height="135dp"
    android:layout_marginBottom="8dp"
    android:layout_marginLeft="8dp"
    android:layout_marginRight="8dp"
    android:layout_marginTop="61dp"
    android:background="@android:drawable/ic_delete"
    android:onClick="open_act2"
    android:text="Dont touch"
    android:textAppearance="@android:style/TextAppearance.Holo.Medium"
    android:textSize="24sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintHorizontal_bias="0.502"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/editText"
    app:layout_constraintVertical_bias="0.0" />

</android.support.constraint.ConstraintLayout>

```

---

activity\_main2.xml

---

```

<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="sim.hecmundo.passing_parameters.Main2Activity">

    <TextView
        android:id="@+id/textView3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginBottom="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginRight="8dp"
        android:layout_marginTop="8dp"
        android:hint="culpable"
        android:textAppearance="@android:style/TextAppearance.Holo.Large"
    />

```

```

        android:textColor="@android:color/holo_orange_dark"
        android:textSize="36sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.513"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

<TextView
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="8dp"
    android:layout_marginLeft="8dp"
    android:layout_marginRight="8dp"
    android:layout_marginTop="8dp"
    android:text="Toll you not to touch"
    android:textColor="@android:color/holo_red_dark"
    android:textSize="36sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.294" />

<Button
    android:id="@+id/button2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="8dp"
    android:layout_marginLeft="8dp"
    android:layout_marginRight="8dp"
    android:layout_marginTop="8dp"
    android:onClick="open_act1"
    android:text="Sorry and Bye"
    android:textColor="@color/colorPrimaryDark"
    android:textSize="14sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.782" />

</android.support.constraint.ConstraintLayout>

```

---

## Capítulo 2

## Imágenes

