

Demo Life Cycle:

HelloAndroid.java

```
@Override
public void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    Log.d(LC, "onCreate");
}

@Override
protected void onDestroy() {
    super.onDestroy();
    Log.d(LC, "onDestroy");
}

@Override
protected void onPause() {
    super.onPause();
    Log.d(LC, "onPause");
}

@Override
protected void onRestart() {
    super.onRestart();
    Log.d(LC, "onRestart");
}

@Override
protected void onRestoreInstanceState(Bundle savedInstanceState) {
    super.onRestoreInstanceState(savedInstanceState);
    Log.d(LC, "onRestoreInstanceState");
}

@Override
protected void onResume() {
    super.onResume();
    Log.d(LC, "onResume");
}

@Override
protected void onSaveInstanceState(Bundle outState) {
    super.onSaveInstanceState(outState);
    Log.d(LC, "onSaveInstanceState");
}

@Override
protected void onStart() {
    super.onStart();
    Log.d(LC, "onStart");
}

@Override
```

```

protected void onStop() {
    super.onStop();
    Log.d(LC, "onStop");
}

```

Demo: Layout, Ressourcen:

values-de/strings.xml

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="hello">Hallo Welt, HelloAndroid!</string>
    <string name="app_name">HelloAndroid</string>
</resources>

```

values-de-AT/strings.xml

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="hello">Seavas Wöd, HelloAndroid!</string>
    <string name="app_name">HelloAndroid</string>
</resources>

```

Demo: Button, der Activity öffnet

layout/main.xml:

- Button "Open New" hinzufügen und ID vergeben

layout/info.xml:

- Erzeugen

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" android:orientation="vertical">
    <TextView android:id="@+id/TextView01" android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/info_text"></TextView>
</LinearLayout>

```

InfoActivity.java (erzeugen):

```

public class InfoActivity extends Activity {
    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.info);
    }
}

```

HelloAndroid.java

```
public void onCreate(Bundle savedInstanceState) {
    ...
    openButton = (Button) findViewById(R.id.main_open_button);
    openButton.setOnClickListener(this);

    public void onClick(View view) {
        Intent i;
        switch(view.getId()) {
            case R.id.main_open_button:
                i = new Intent(this, InfoActivity.class);
                startActivity(i);
                break;
        }
    }
}
```

AndroidManifest.xml

```
<activity android:name=".InfoActivity"
    android:label="@string/info_name"
/>
```