

Componentes de tela

Componentes de tela

- Conexão entre Layout e uma Activity
- R.java
- findViewById()
- Eventos

Exemplo

```
<Button  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:text="Clique aqui"  
    android:id="@+id/myButton"  
    android:layout_alignParentLeft="true"  
    android:layout_alignParentStart="true" />
```


Exemplo

```
import android.app.Activity;
import android.os.Bundle;
import android.widget.Button;

public class MyActivity4 extends Activity {
    private Button myButton;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_my_activity4);

        myButton = (Button) findViewById(R.id.myButton);
    }
}
```


Exemplo

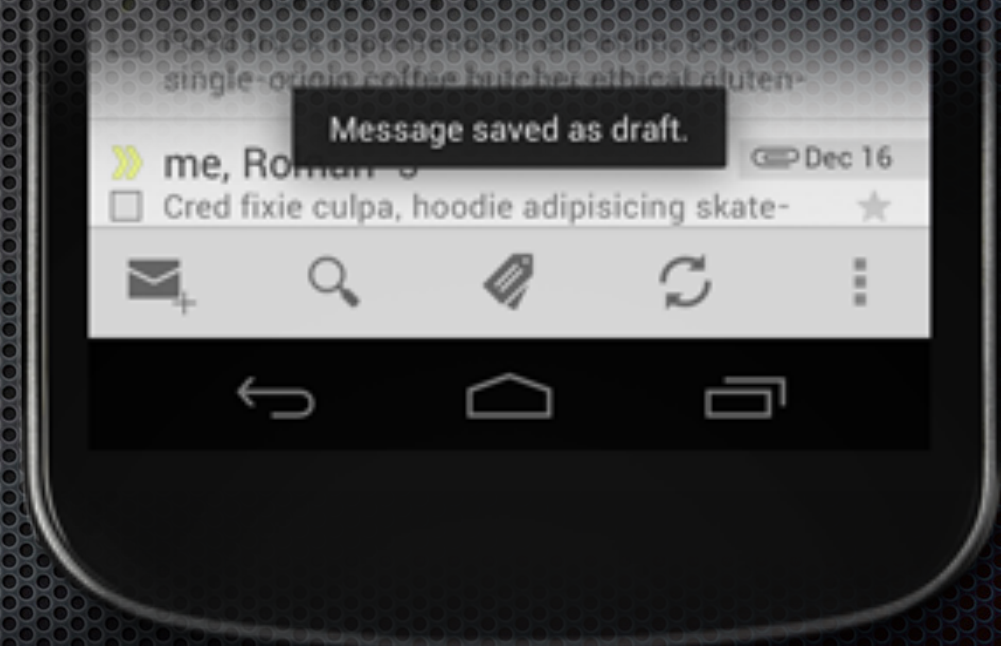
```
myButton.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View view) {  
        Log.v("MEULOG", "Botao clicado");  
    }  
});
```


Componentes de tela

- ✦ Button
- ✦ Toast
- ✦ EditText
- ✦ Dialogs
- ✦ CheckBox
- ✦ WebView
- ✦ ListView
- ✦ Spinner

Toast

- Pequenos avisos

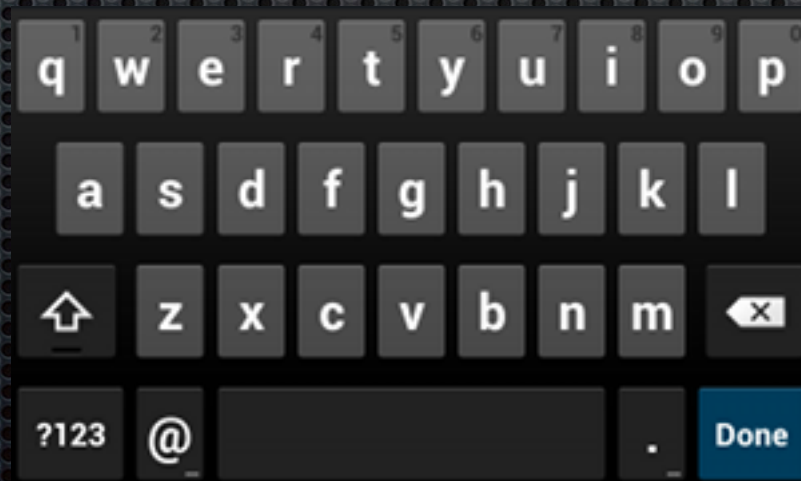
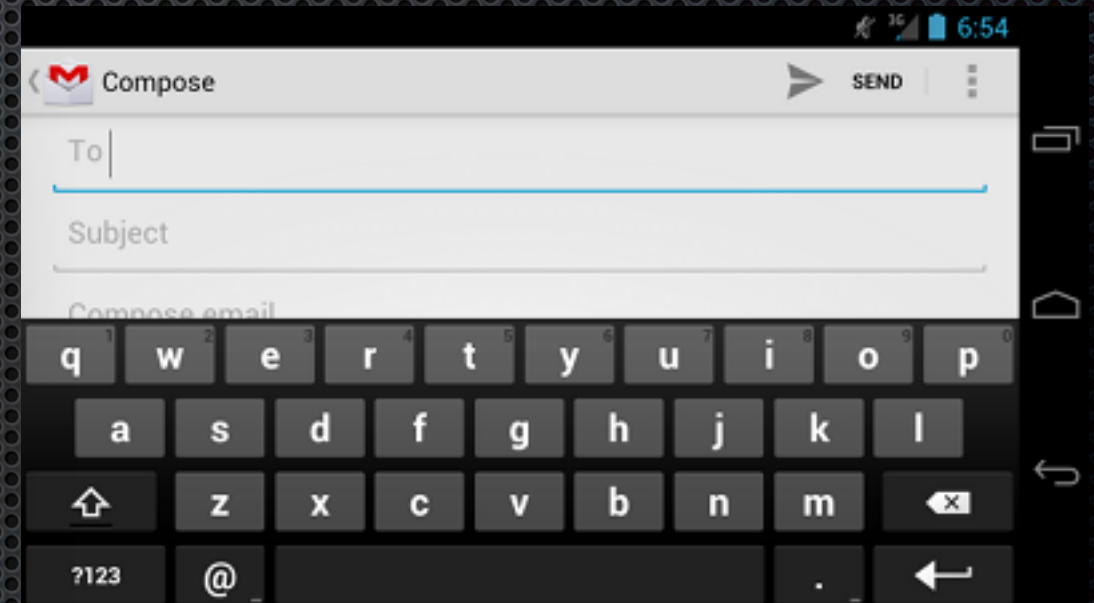
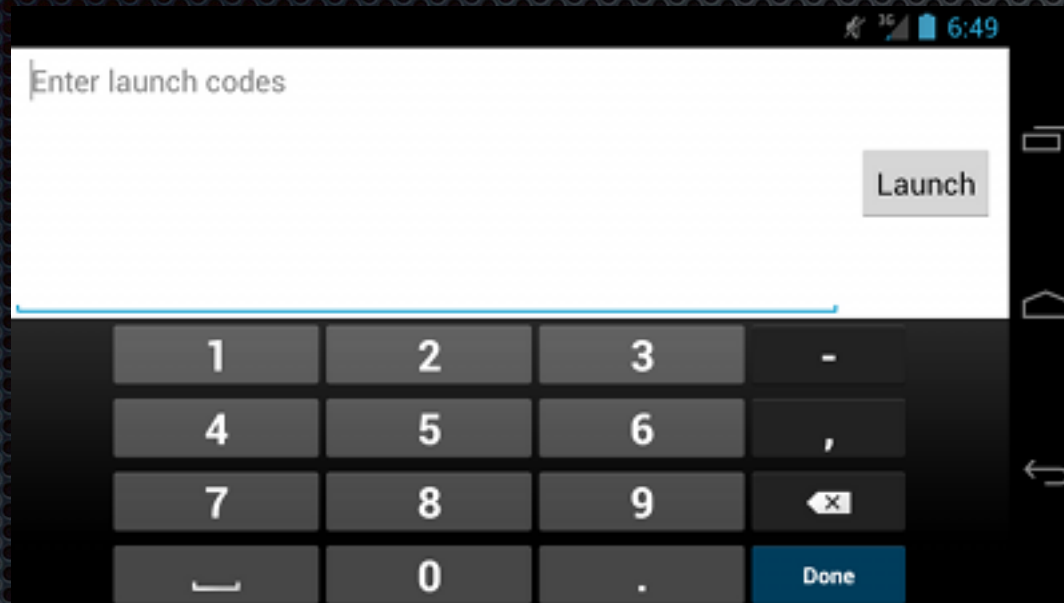


Toast

- Exemplo Toast de curta duração

```
Toast.makeText(this, "msg msg",  
                Toast.LENGTH_SHORT).show();
```


EditText



Exercício

- Crie uma app que recebe 2 números e exibe o resultado da soma dos dois números em um Toast.

Dialogs

Text message limit

Set number of messages to save:

▲
499
500
501
▼

Cancel Set

⚠ **Erase USB storage?**

You'll lose all photos and media!

Cancel Erase

Fire missiles?

Cancel Fire

Dialogs

```
AlertDialog.Builder builder =  
    new AlertDialog.Builder(this);  
builder.setMessage("Nice!");  
builder.setCancelable(false);  
builder.show();
```

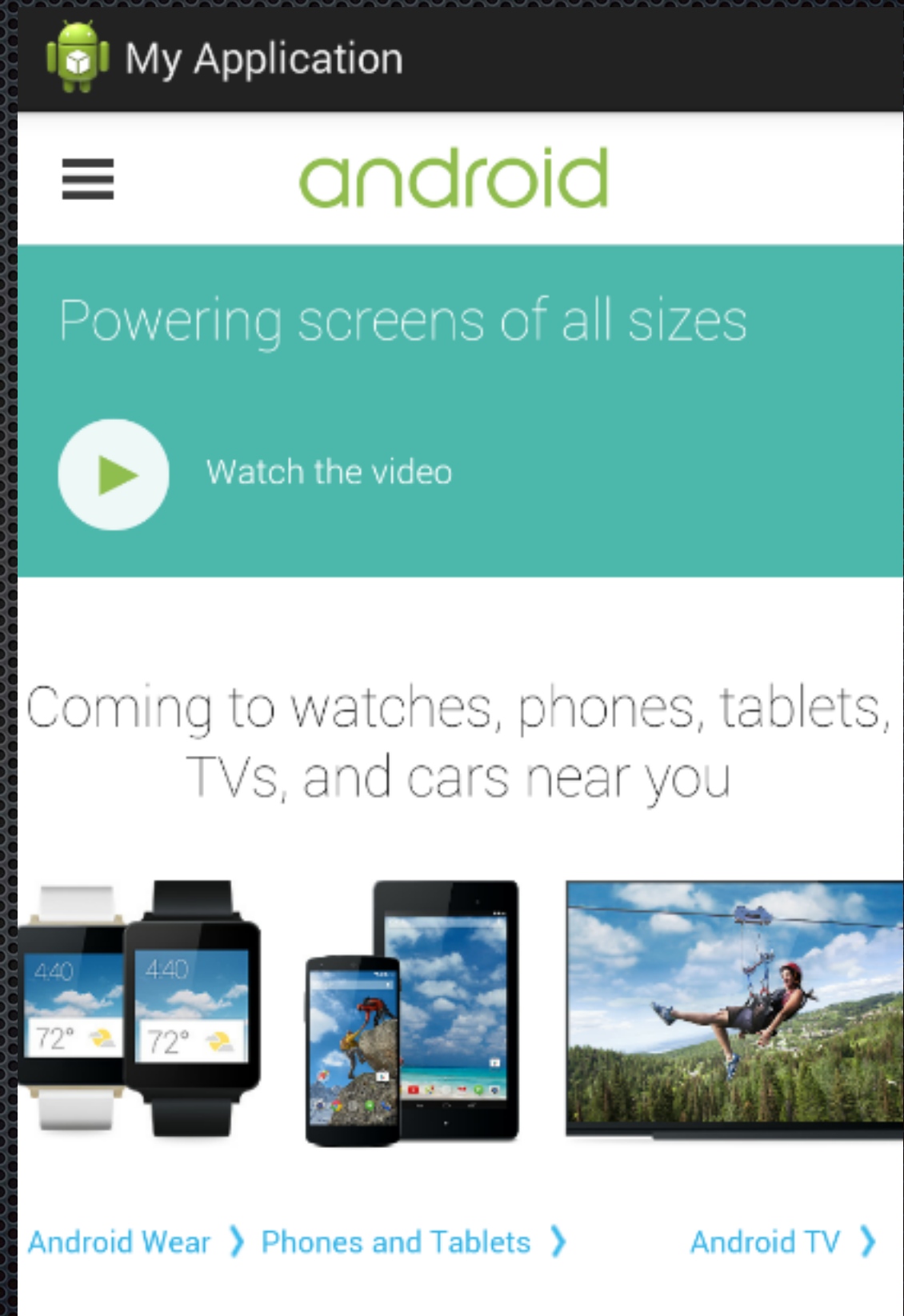

Exercício

Erro na aplicação, tente novamente.

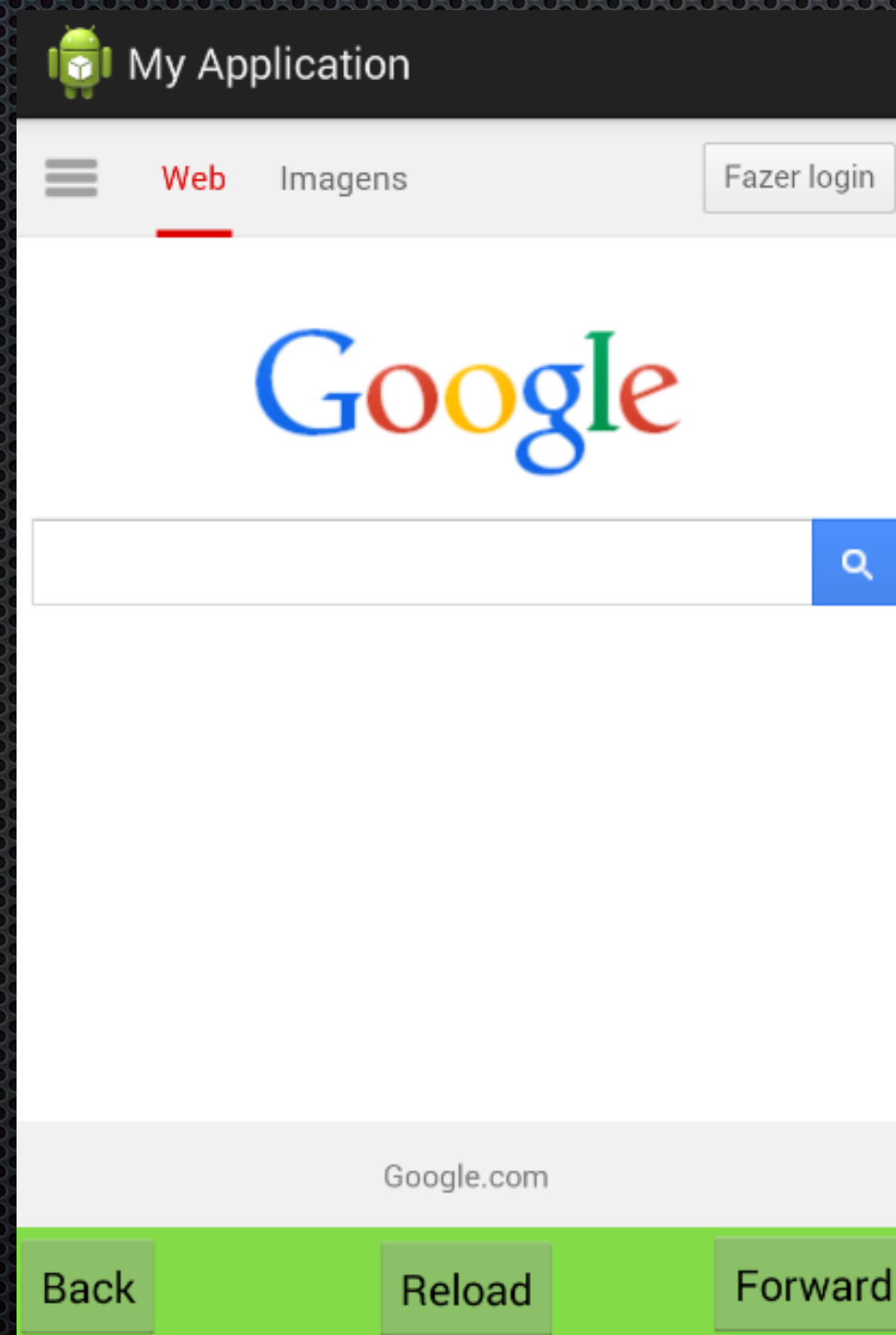
Ok

WebView

- ✦ Incorpora uma página web na aplicação



Exercício



Referências

- ✦ <http://developer.android.com/guide/topics/ui/index.html>
- ✦ Professional Android 4 Application Development – <http://www.wrox.com/WileyCDA/WroxTitle/Professional-Android-4-Application-Development.productCd-1118102274.html>
- ✦ http://developer.android.com/reference/android/widget/TextView.html#attr_android%3ainputType