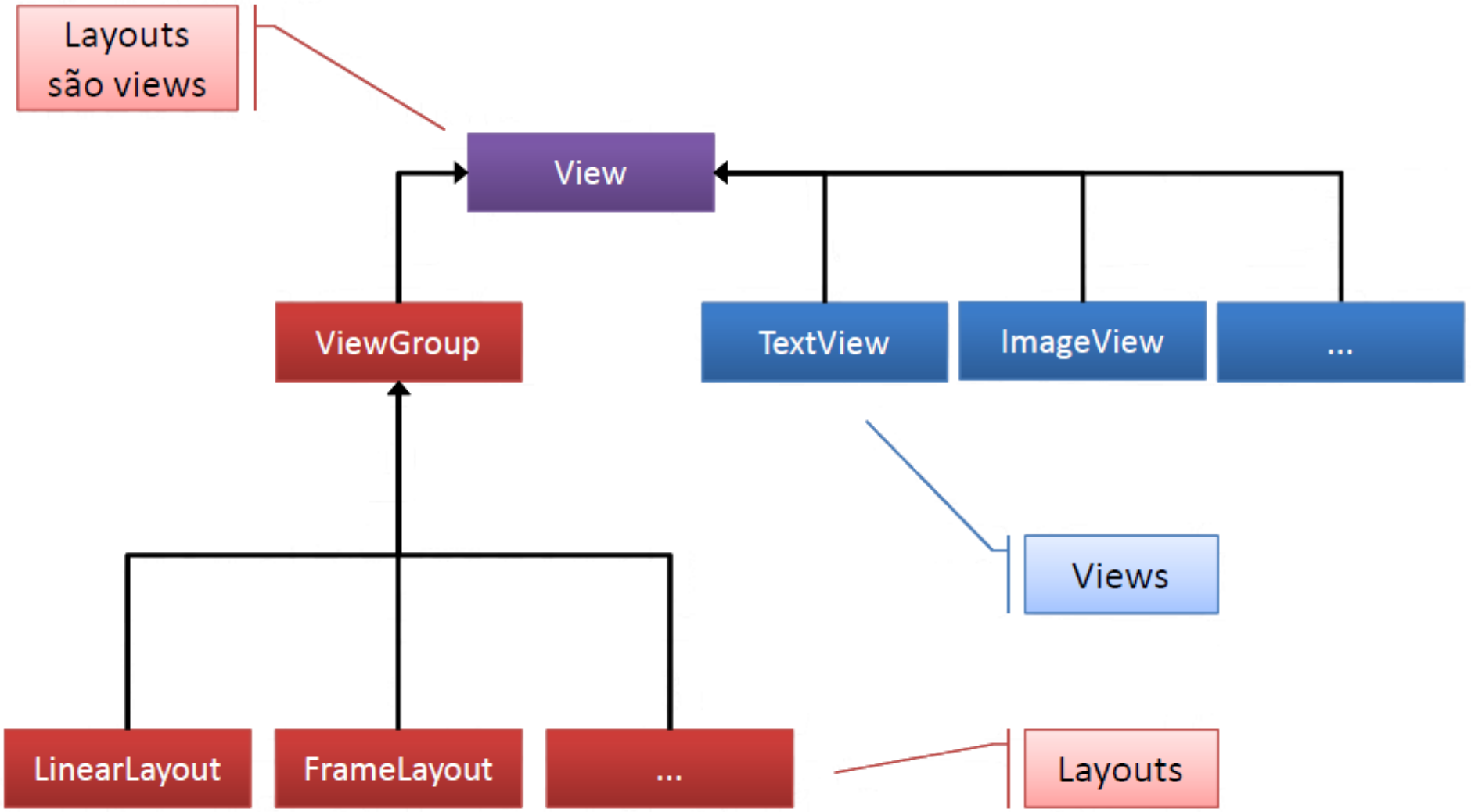
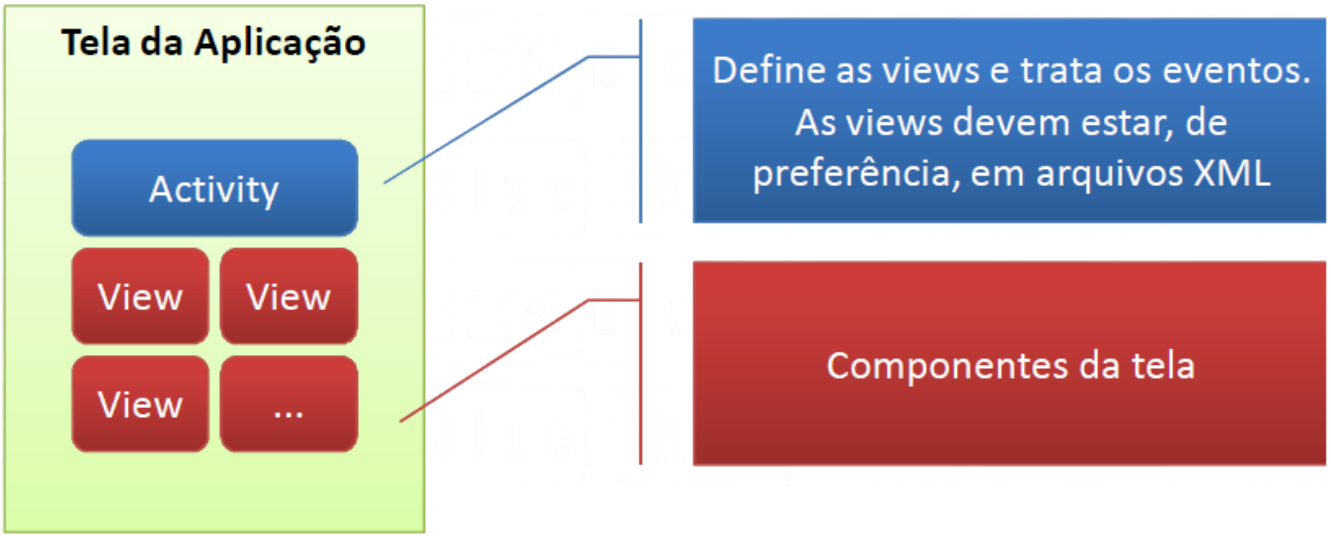
Layout Android


Layouts
são views
View
ViewGroup
TextView
ImageView
...
Views
LinearLayout
FrameLayout
...
Layouts

Activities e Views



Views via Programação

MyActivity.java

```
public void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);

    TextView t = new TextView(this);
    t.setText("Minha Primeira View");
    setContentView(t);
}
```

As views são criadas no código

Views via Declaração

/res/layout/main.xml

```
...
<TextView
    android:text="Minha Primeira View"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
/>
...
```

As views são declaradas no XML

MyActivity.java

```
public void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.main);
}
```

Lendo Views do XML

/res/layout/main.xml

```
...
<TextView
    android:id="@+id/texto"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
/>
...
```

Criação de um ID para a view

MyActivity.java

```
public void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);

    setContentView(R.layout.main);
    TextView t = (TextView) findViewById(R.id.texto);
    t.setText("Minha Primeira View 2");
}
```

Leitura do XML