

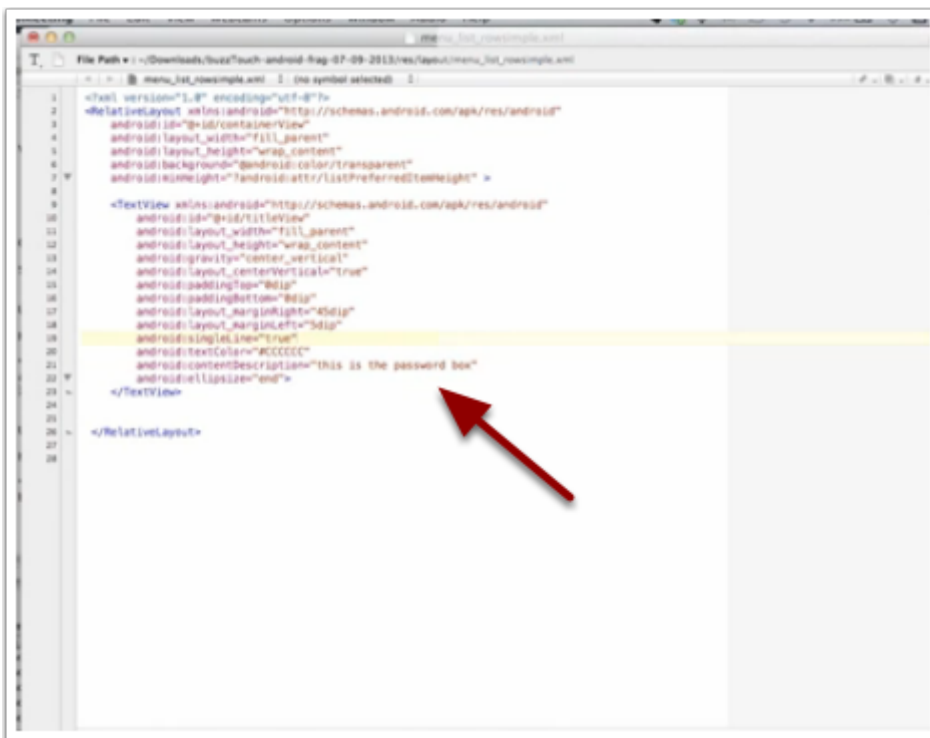
Understanding Accessibility in Android: The Basics

Understanding Accessibility in Android

Android (2013) defines accessibility as, "Accessibility is the measure of how successfully a product can be used by people with varying abilities."

Android Accessibility

Set the Content Description. In the example above David Book is setting the Content Description tag in the Layout File. It does not matter if it's a Text View or a Button, always set the Content Description for Accessibility.



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     android:id="@+id/containerView"
4     android:layout_width="fill_parent"
5     android:layout_height="wrap_content"
6     android:background="@android:color/transparent"
7     android:scrollHorizontally="true" >
8
9     <TextView xmlns:android="http://schemas.android.com/apk/res/android"
10        android:id="@+id/titleView"
11        android:layout_width="fill_parent"
12        android:layout_height="wrap_content"
13        android:gravity="center_vertical"
14        android:layout_centerVertical="true"
15        android:paddingTop="80dp"
16        android:paddingBottom="80dp"
17        android:layout_marginRight="45dp"
18        android:layout_marginLeft="50dp"
19        android:textColor="@android:color/black"
20        android:text="This is the password box"
21        android:contentDescription="this is the password box"
22        android:ellipsize="end"
23    />
24
25 </RelativeLayout>
```

Accessibility Fonts

One way for developers to do this is to create a bank screen. The blank screen will show, by a button, the user to increase font size is to click the button. After the user clicks the button then it takes the user to the Accessibility settings in the Android phone, which is already built into the phone. Utilize the hardware or software that Android already has in the device.

Credits

Android. Retrieved from <http://developer.android.com/design/patterns/accessibility.html> on August 6, 2013.

Book, David (2013), BuzztouchAbility Training Meeting. www.buzztouch.com