



Android Layouts

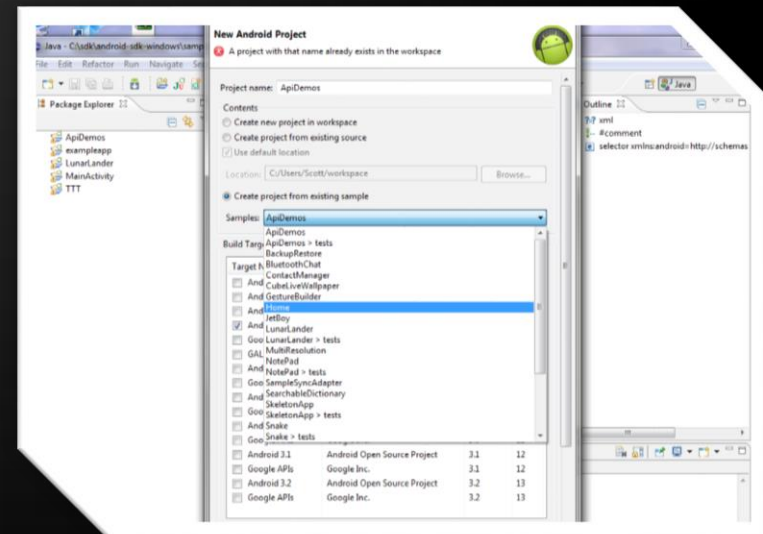


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Android Mobile Applications

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<http://academy.telerik.com>

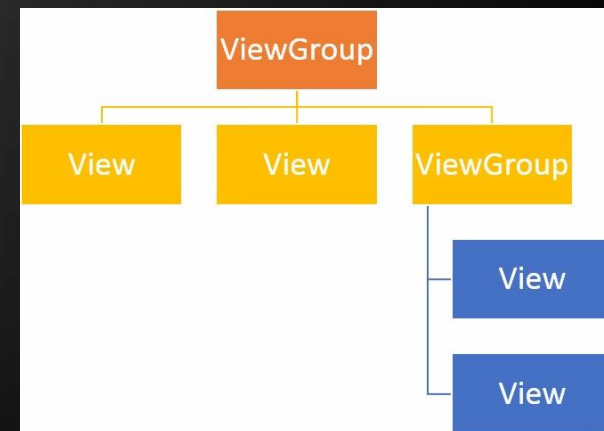


◆ What's a View ?

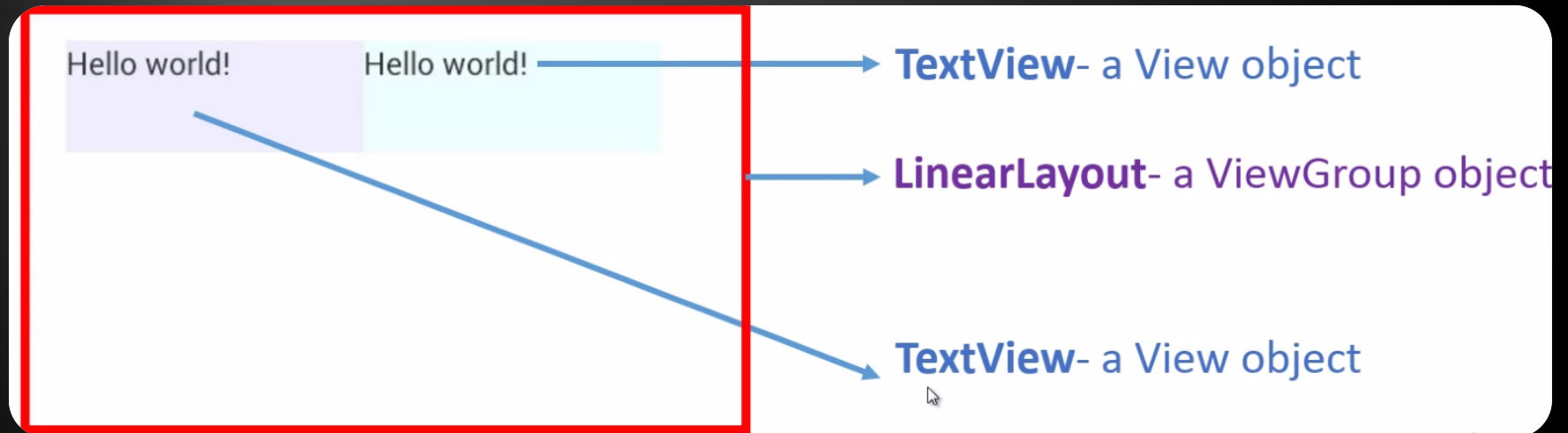
- ◆ An object that takes rectangular area on the screen and is responsible for handling events in that area

◆ What's a ViewGroup ?


- ◆ An object that surrounds the view and is invisible and is responsible for holding the views
- ◆ In a certain fashion



Linear Layout

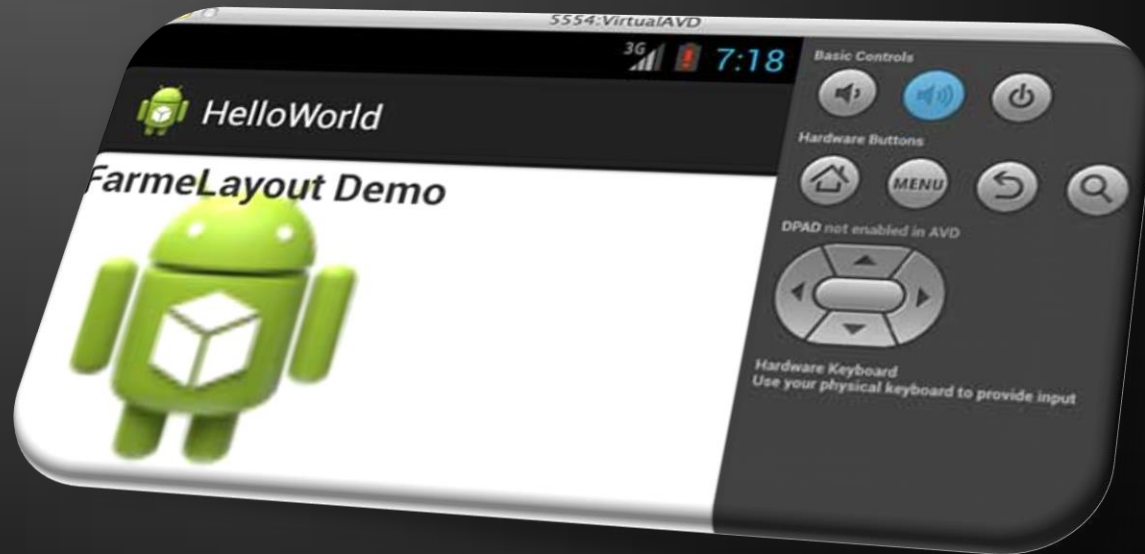


- ◆ **What is a RelativeLayout ?**
 - ◆ **Specify where the View will be placed with respect to some other View or Parent**
 - ◆ **Layout weight and gravity do not exist in relative layout**
 - ◆ **A relative layout that is not the root and is nested inside some other layout may have a Layout weight**

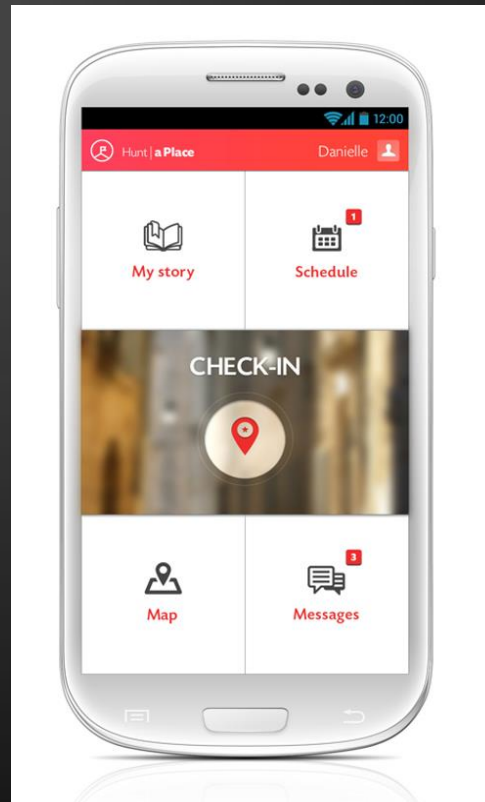


The image shows a screenshot of a mobile application interface. At the top, there is a status bar with icons for 3G, signal strength, and battery, along with the time 11:32 PM. Below the status bar is a header bar with the text "Dyna Table". Underneath the header bar is a red bar with the text "Countries List". Below the red bar is a table with two columns: "Abbr" and "Comment". The table contains 16 rows of data, each representing a country. The "Abbr" column contains two-letter codes, and the "Comment" column contains the full name of the country. The table is displayed on a light pink background.

Abbr	Comment
AF	Afghanistan
AL	Albania
DZ	Algeria
AS	American Samoa
AD	Andorra
AO	Angola
AI	Anguilla
AQ	Antarctica
AG	Antigua and Barbuda
AR	Argentina
AM	Armenia
AW	Aruba
AU	Australia
AT	Austria
AZ	Azerbaijan
BS	Bahamas
BH	Bahrain

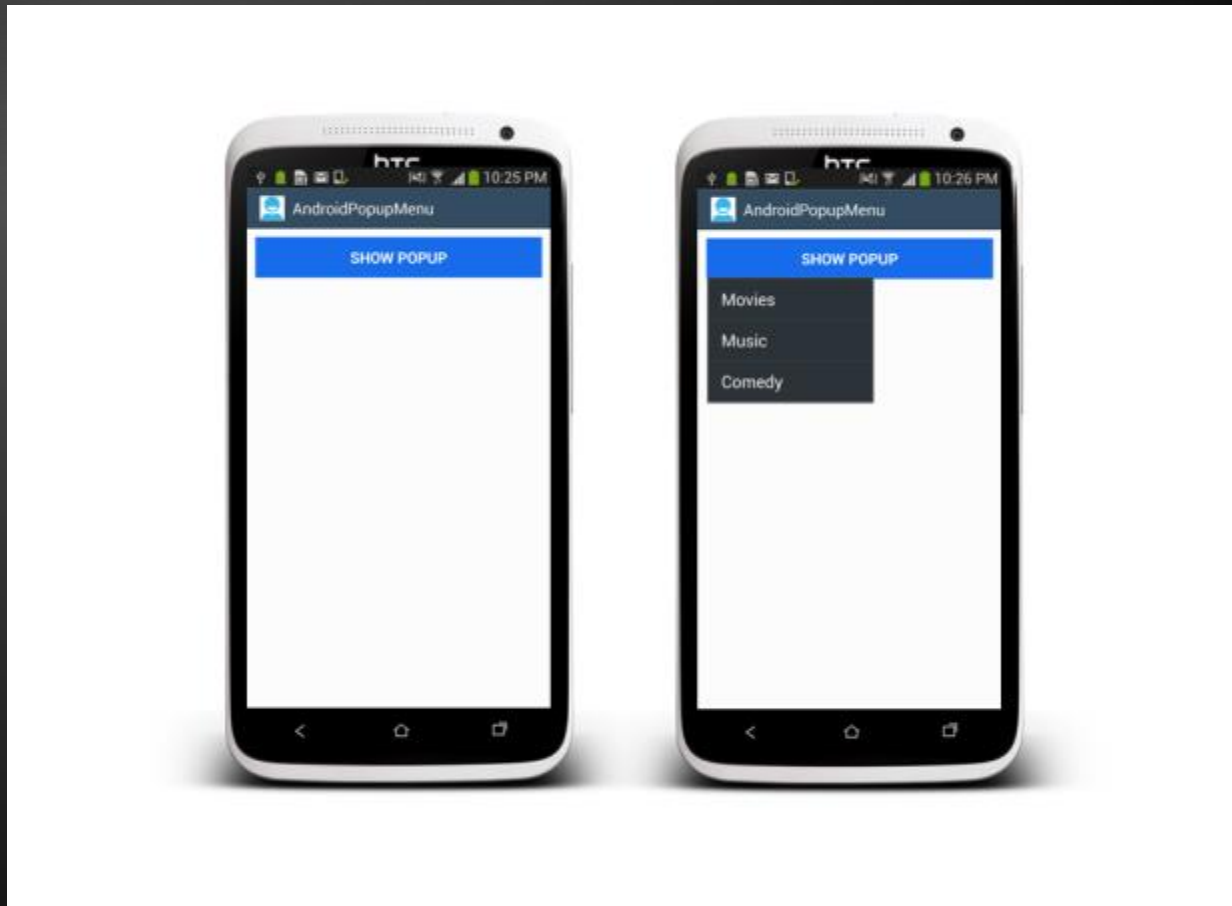


Live Demo

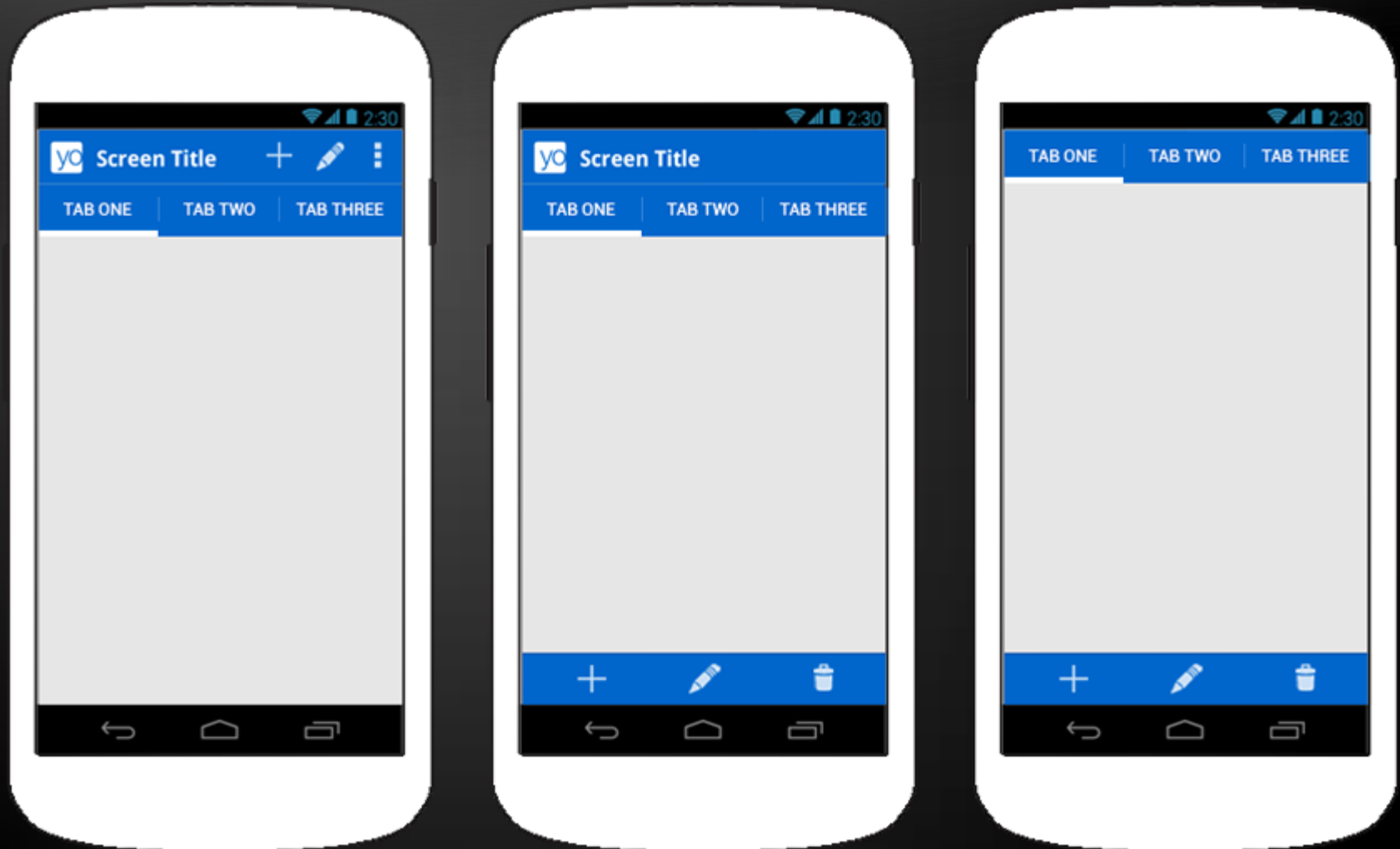


- ◆ Read image file from assets.
- ◆ Read/Write text file to android system





Customizing/Using action bar





Questions?

- ◆ Make activity with three imageview widgets
 - ◆ Clicking on each image should provide popup with additional information for the image, for example (image size, animal name, link refer, etc...)