



ANDROID DEVELOPMENT #4

@brmlab

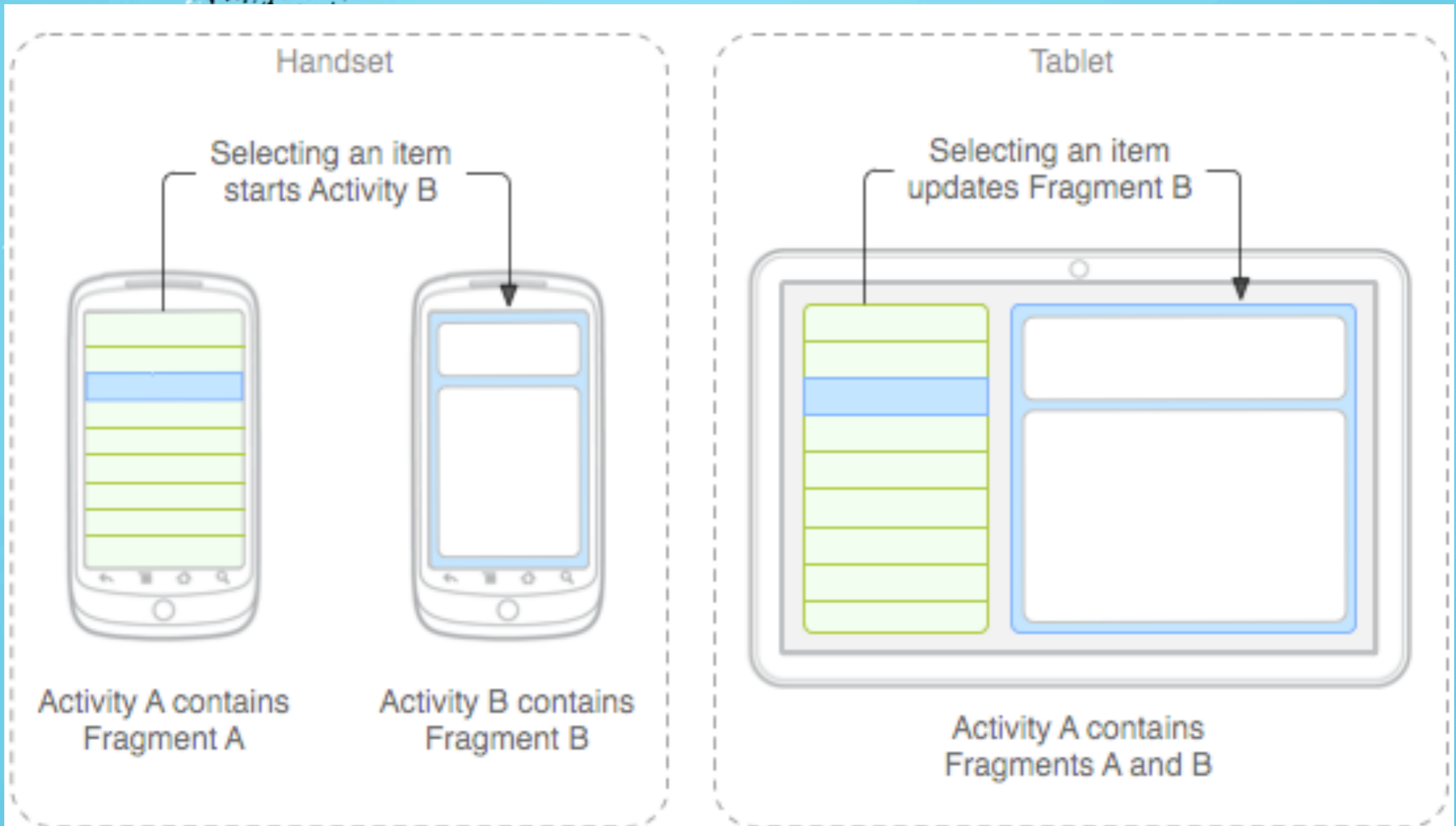
COMPATIBILITY

- Support library v4

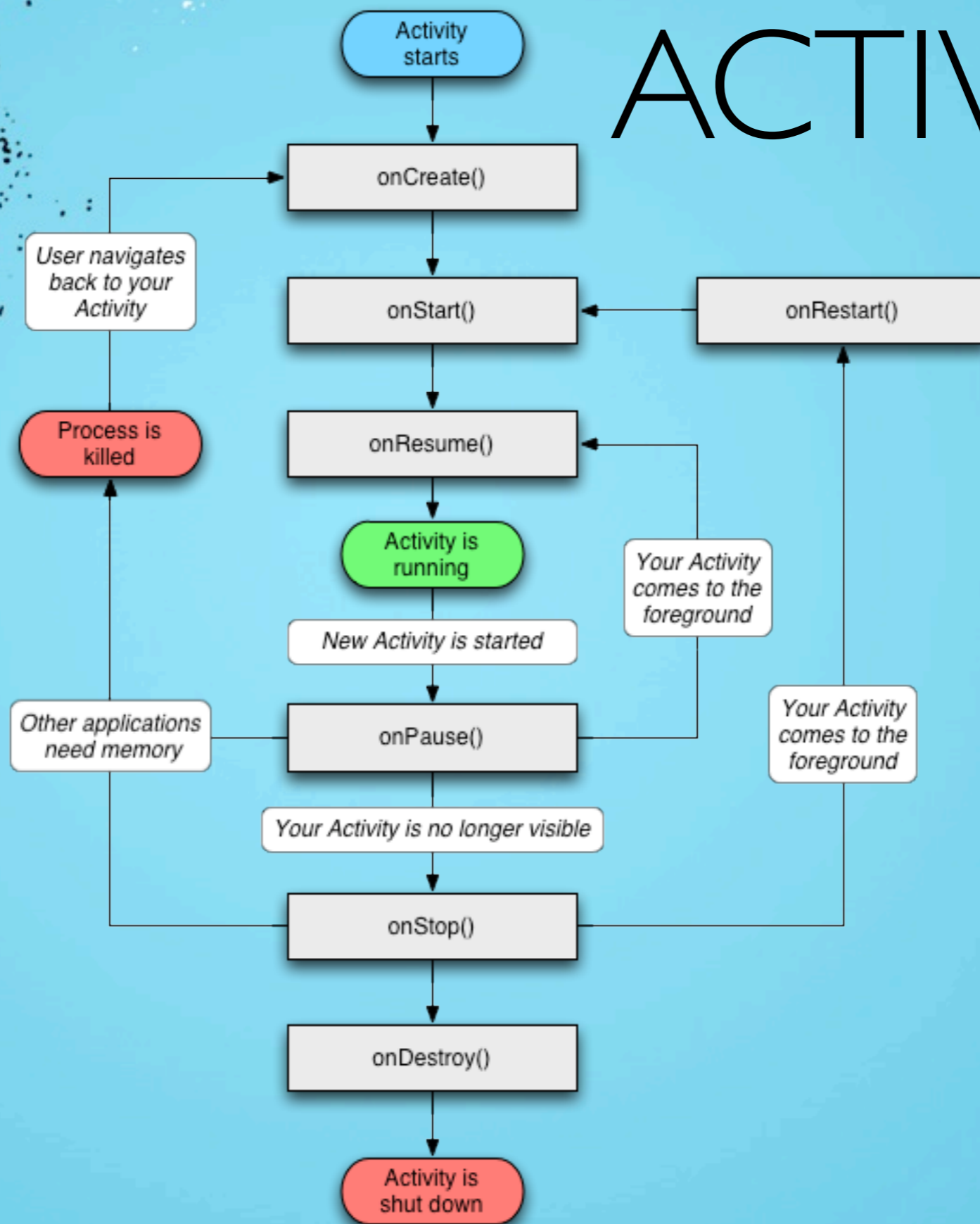
- /libs/android-support-v4.jar

- Backwards support of important components to API 4

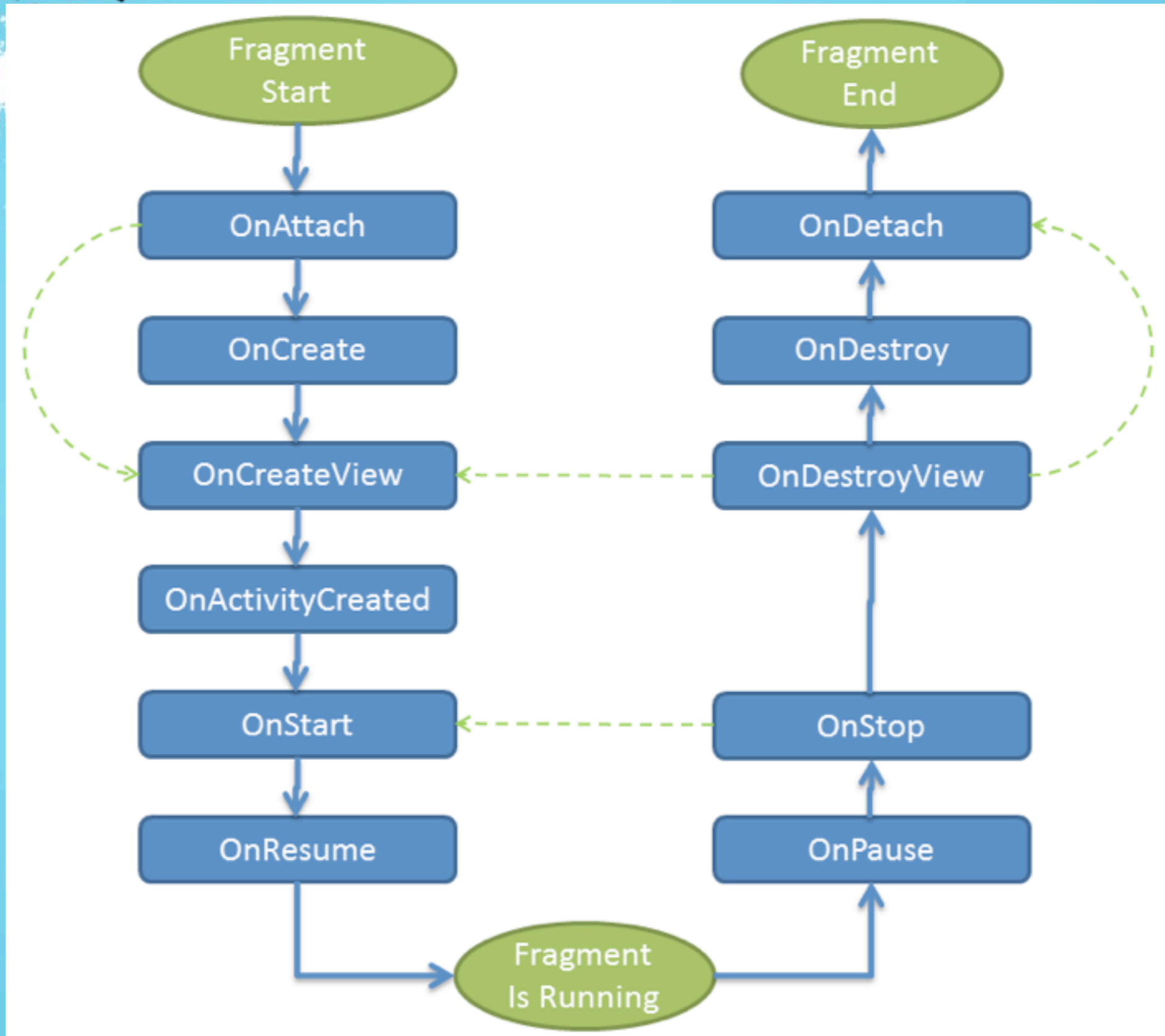
ACTIVITY VS. FRAGMENT



ACTIVITY



FRAGMENT



USER INTERFACE

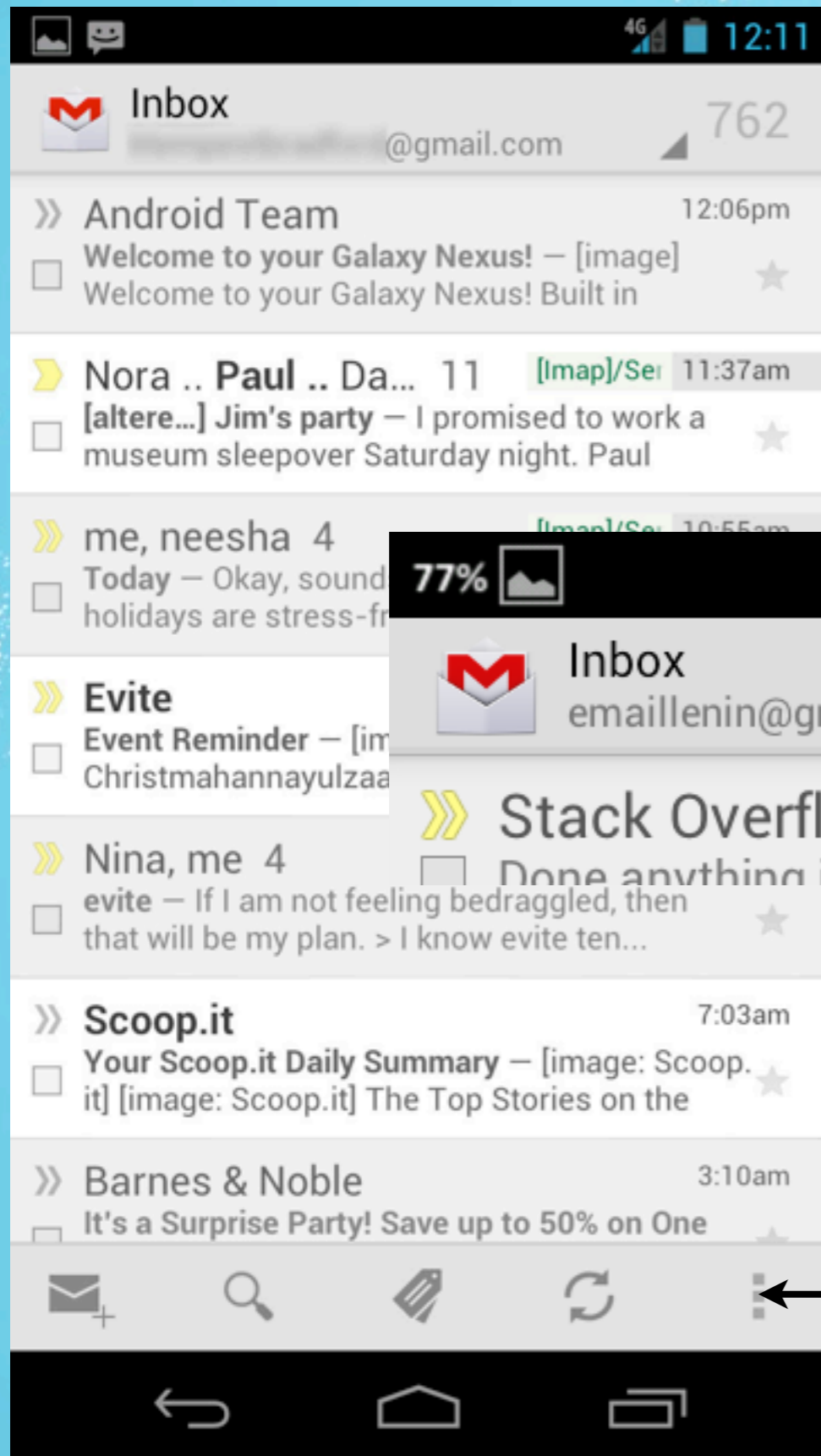
- Design Guidelines
- Icon Guidelines
- Large palette of standard components
- Gestures
- Compatibility
- Navigation patterns

ICON GUIDELINES



ACTIONBAR

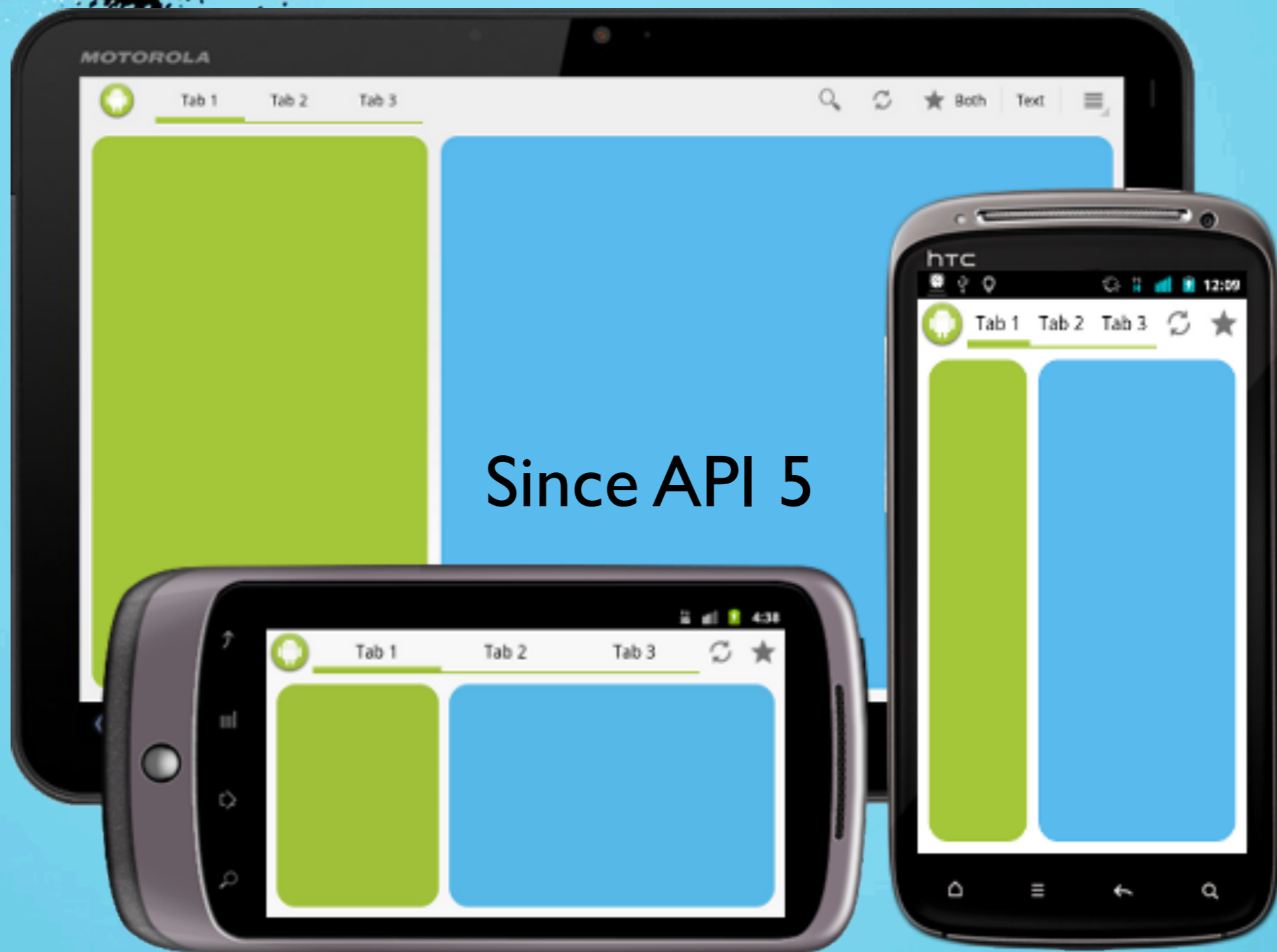
Native since API 11



Landscape - items fits on top

With Split ActionBar

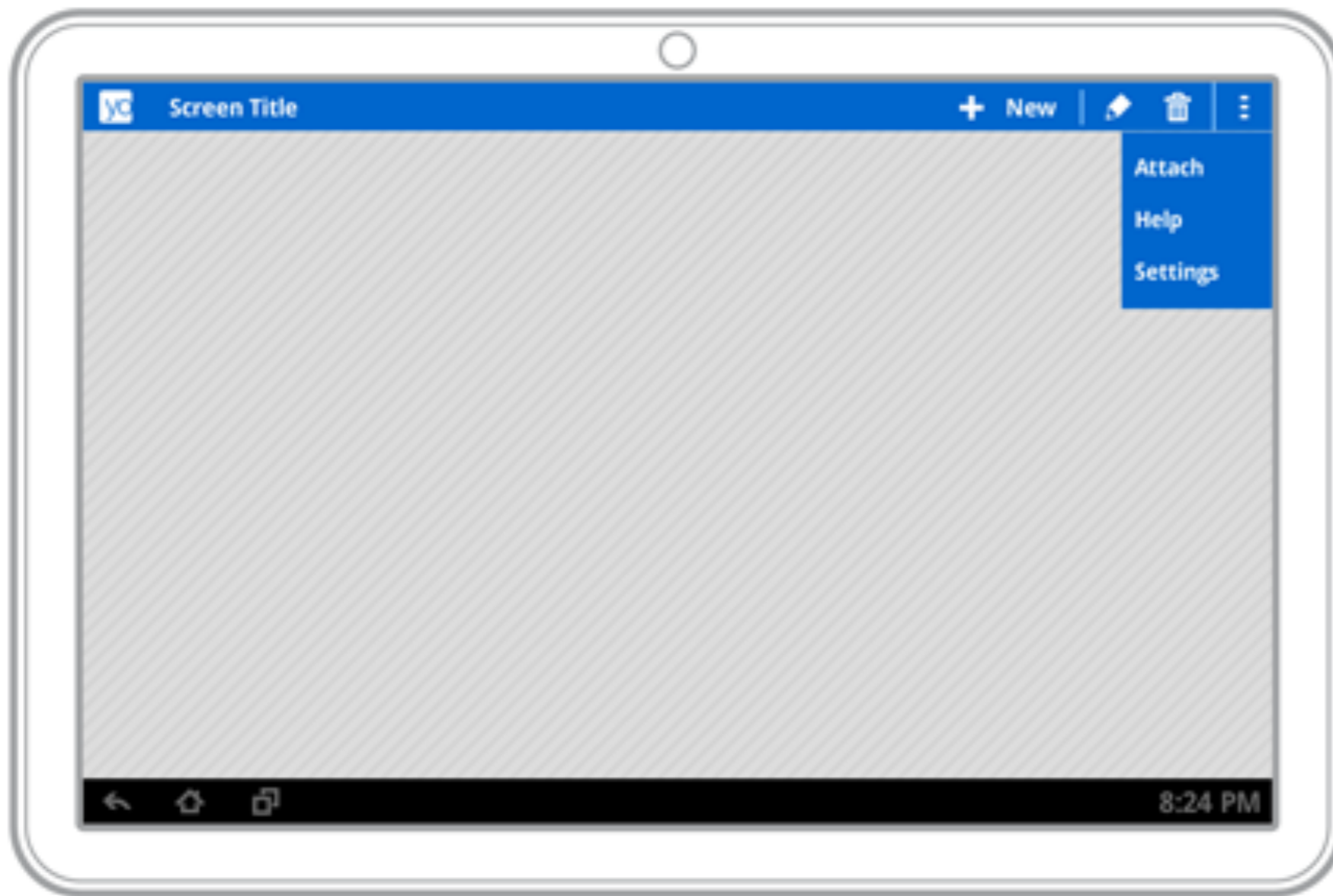
ACTIONBAR SHERLOCK



Since API 5

OPTIONS MENU

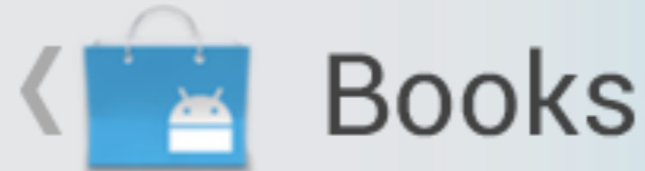
$X > \text{API } 10$



$X < \text{API } 10$



NAVIGATION



- Back and Up pattern

- Back button (bottom navigation controls)

- Up button (part of ActionBar)

STANDARD UI COMPONENTS

LISTS / EXPANDABLE LISTS

SCROLL VIEW

FORM WIDGETS

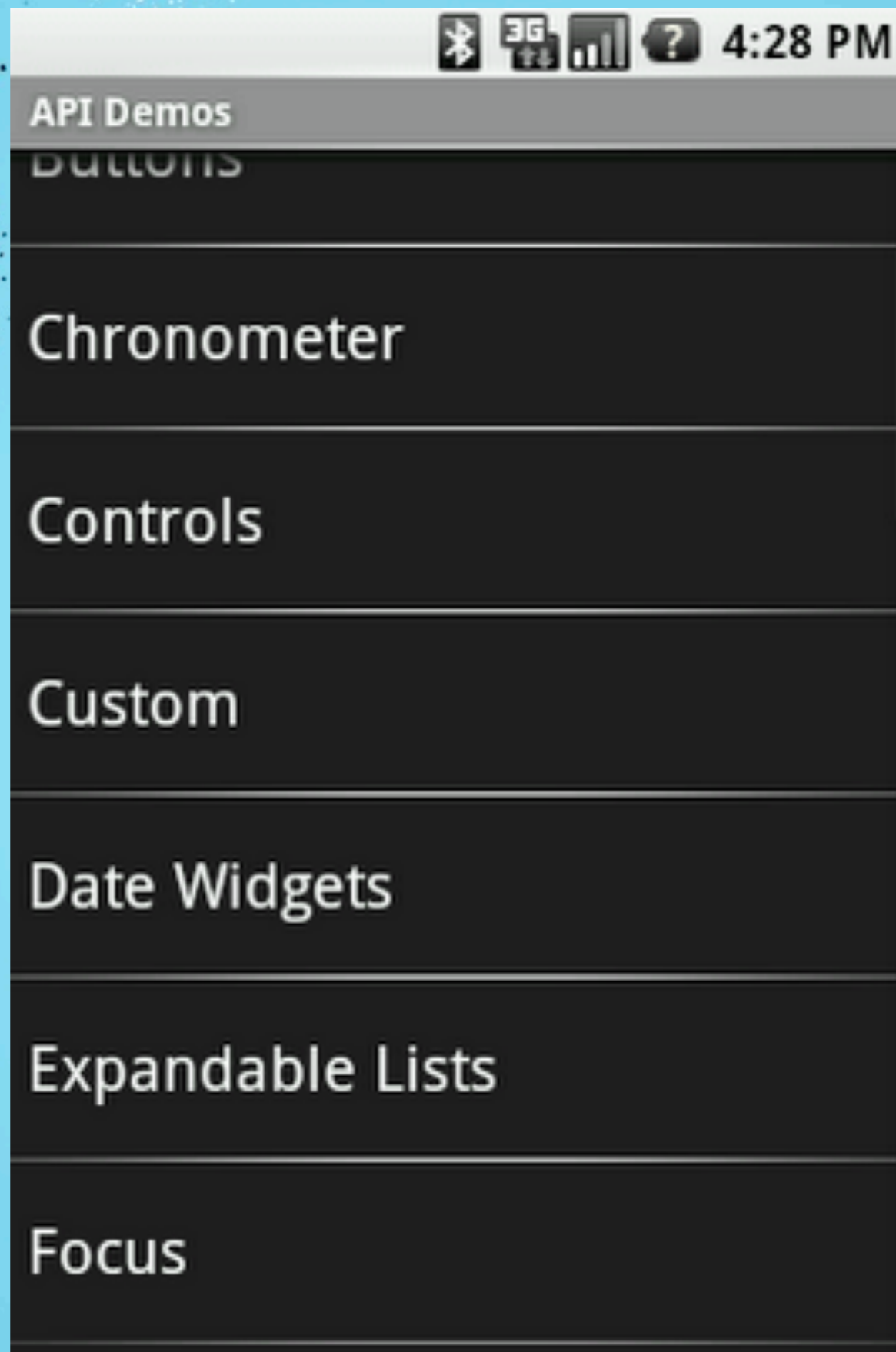
GRAPHICS (IMAGE VIEW,
GALLERY, MEDIA CONTROLLER,
VIDEO VIEW)

DATE (+TIME) PICKERS

TRANSITIONS

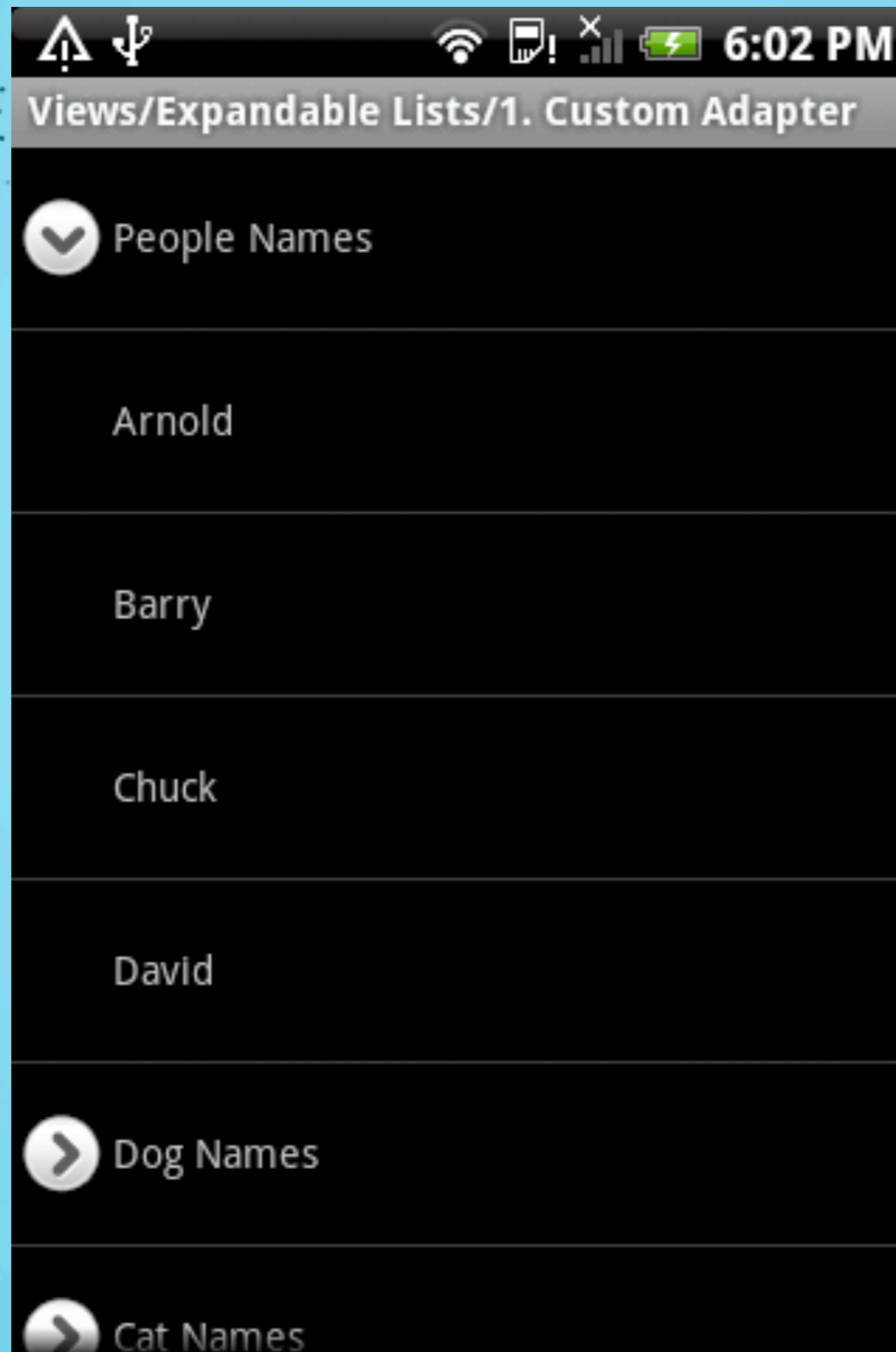
GESTURES

CANVAS (SURFACE, TEXTURE)

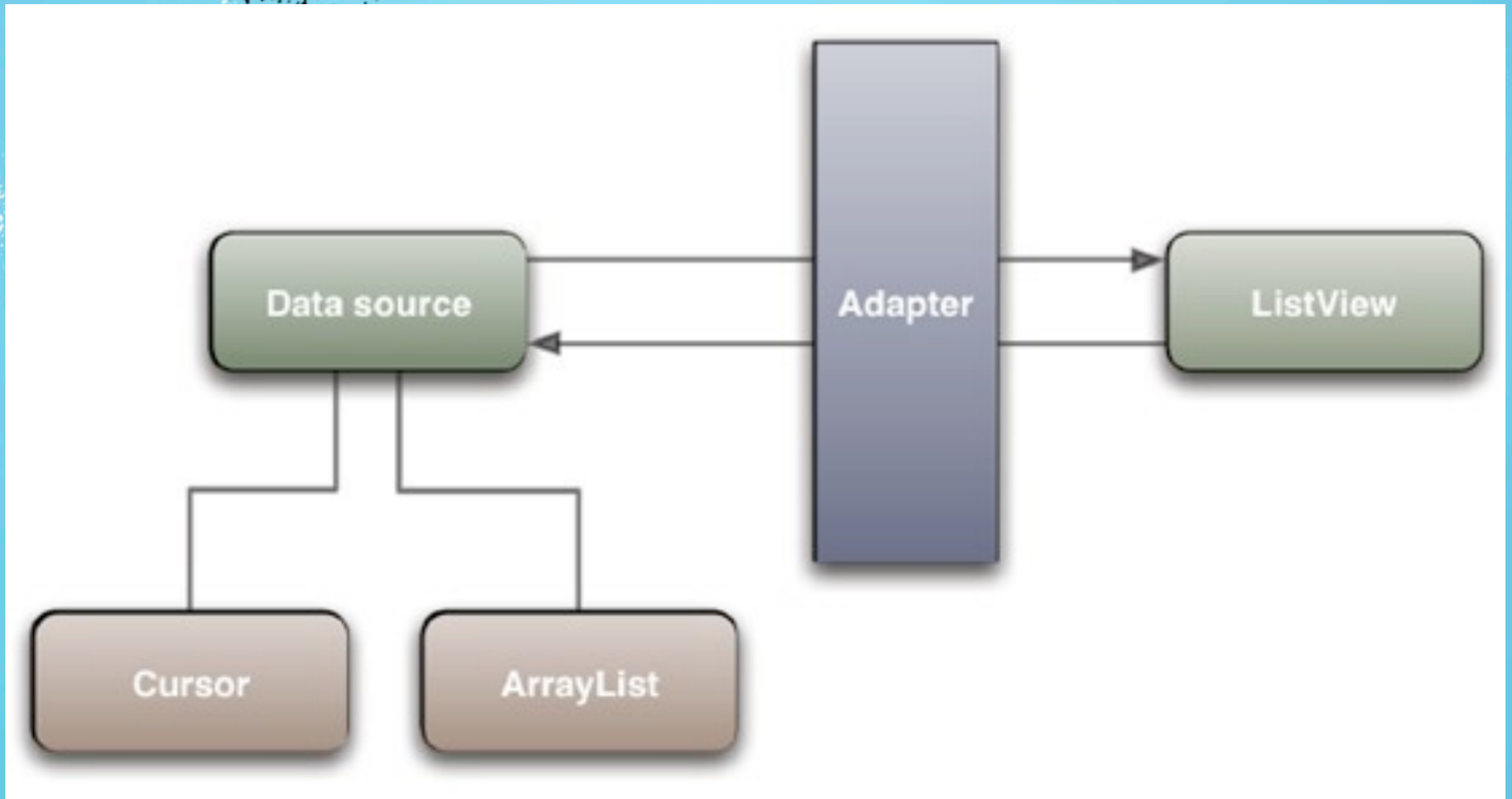


LISTS

EXPANDABLE LISTS



LIST ADAPTER



FORM WIDGETS

TextView

Write a review

Enter review here.

★ ★ ★ ★ ★

Accept Close

EditText

RatingBar

Buttons

14:18

Button

Button

Button

Button

Button

Button

Checkbox

Choose a color

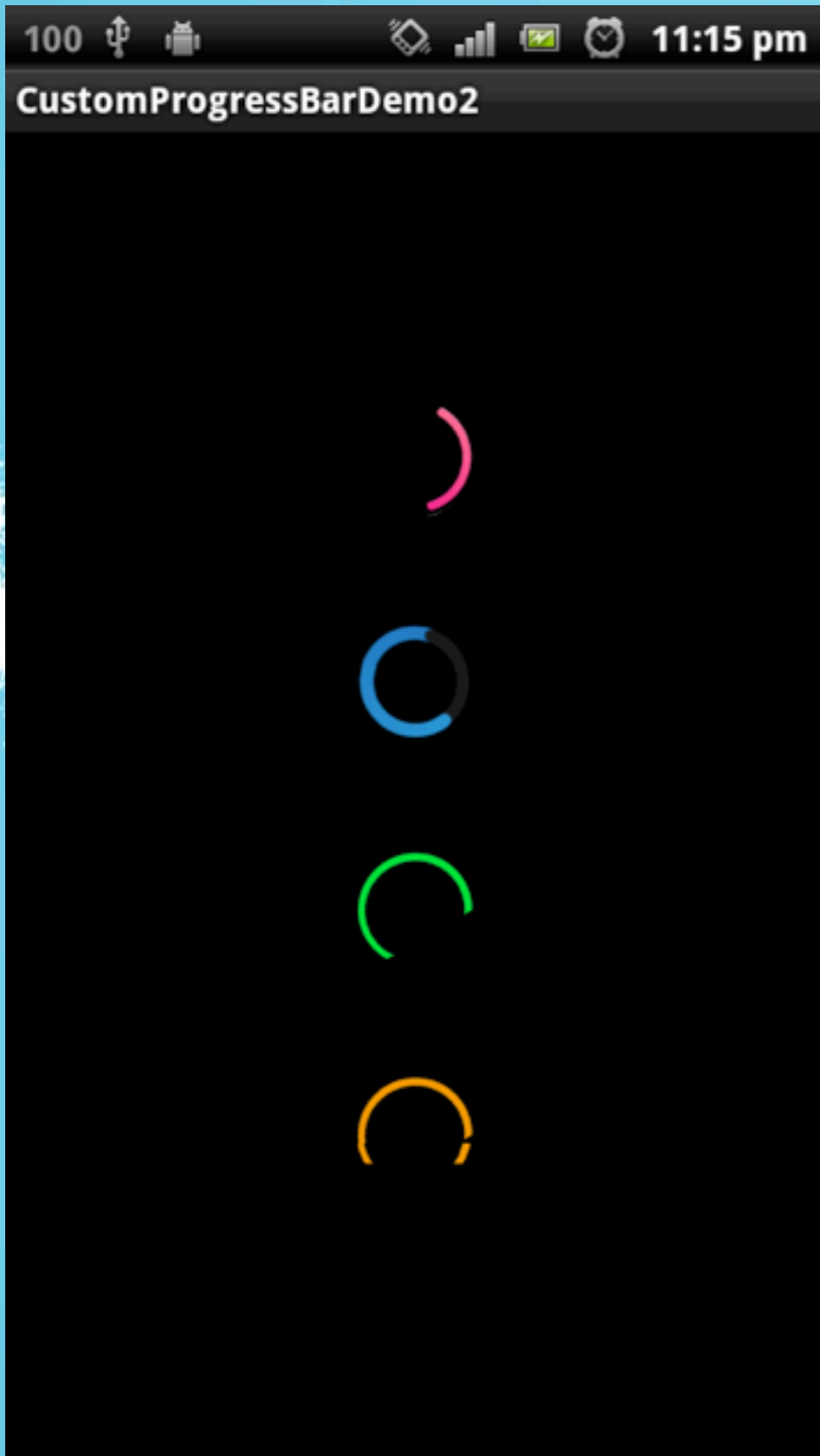
Red

Green

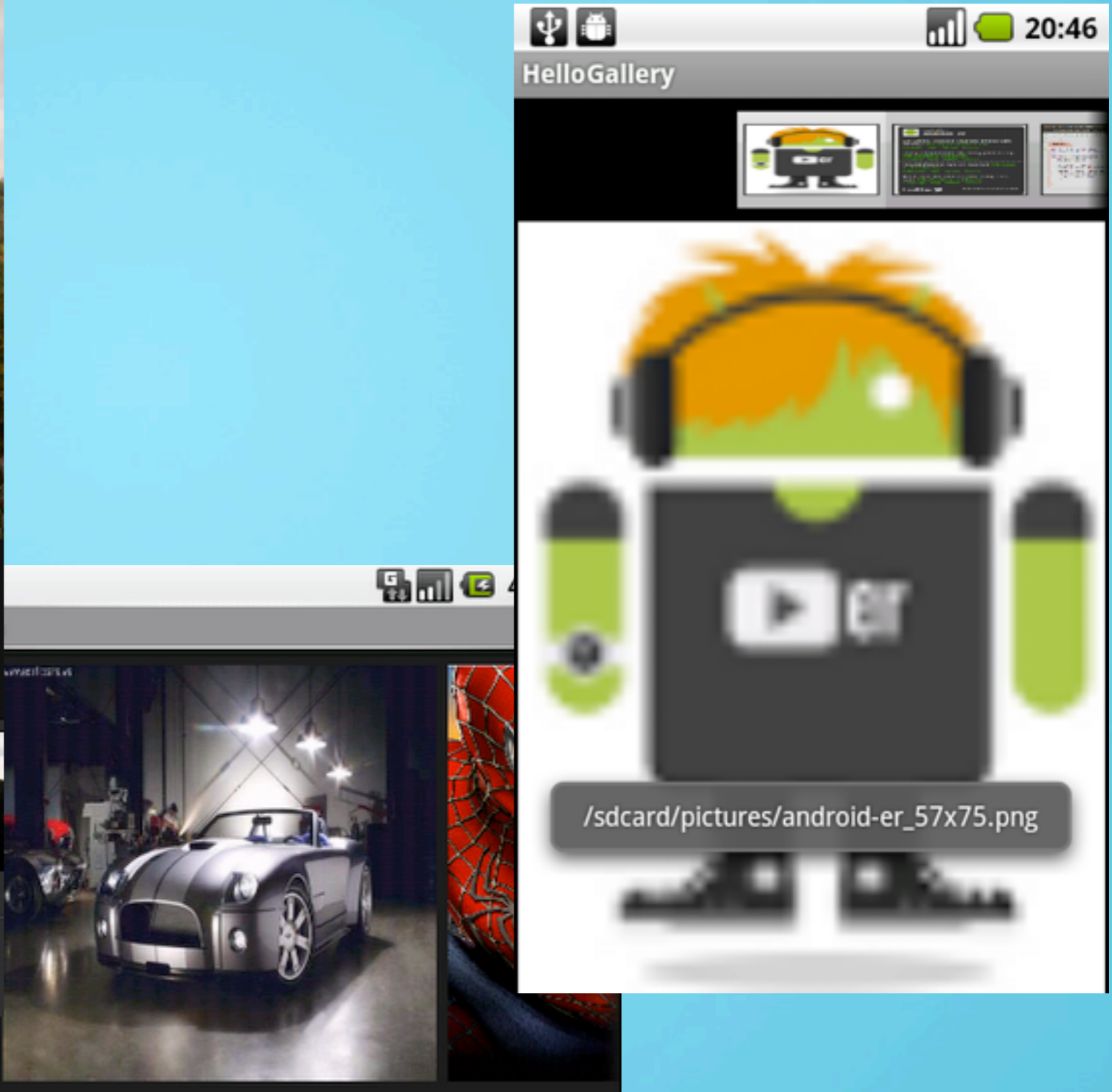
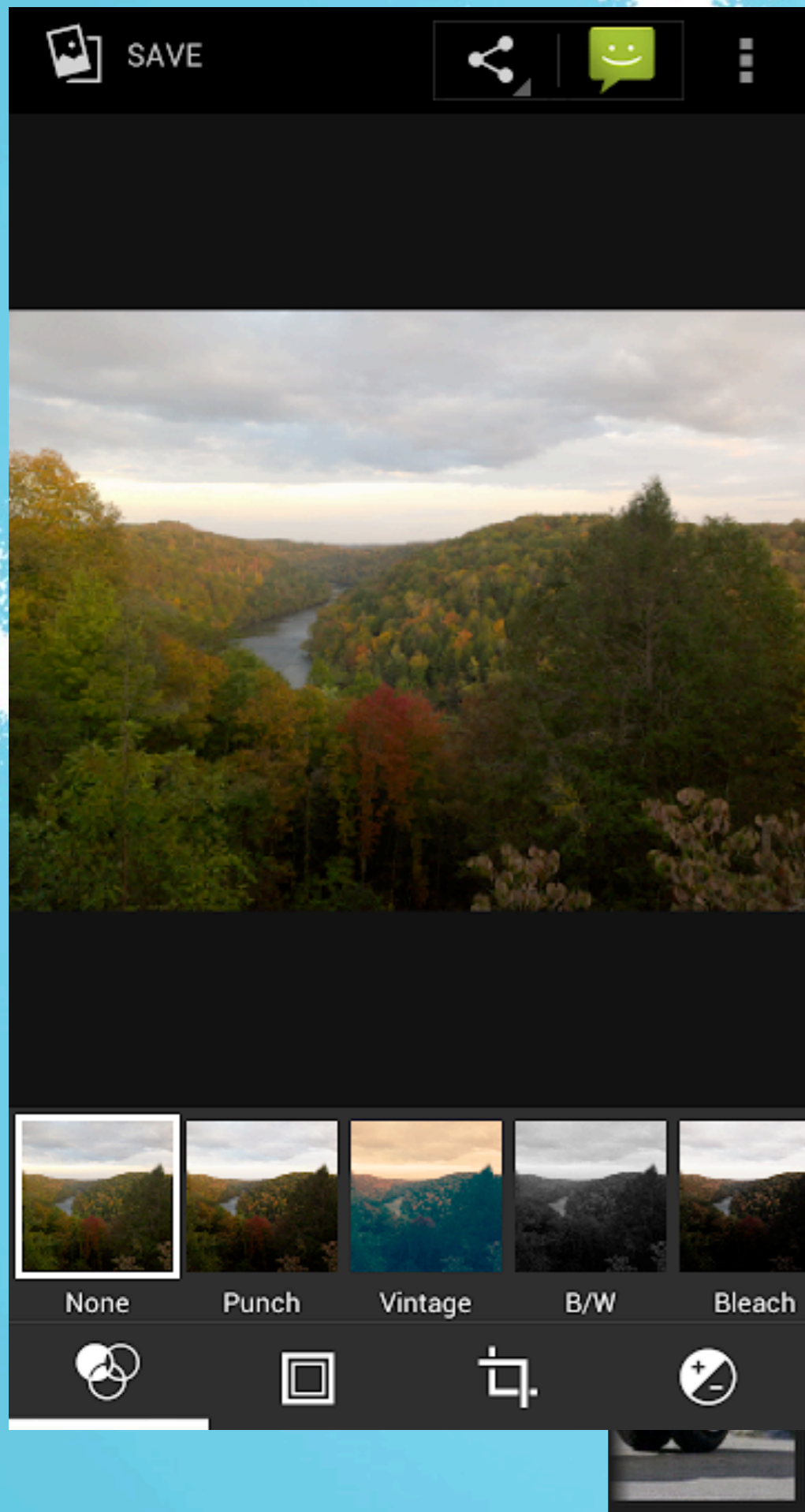
Blue

Green set to true

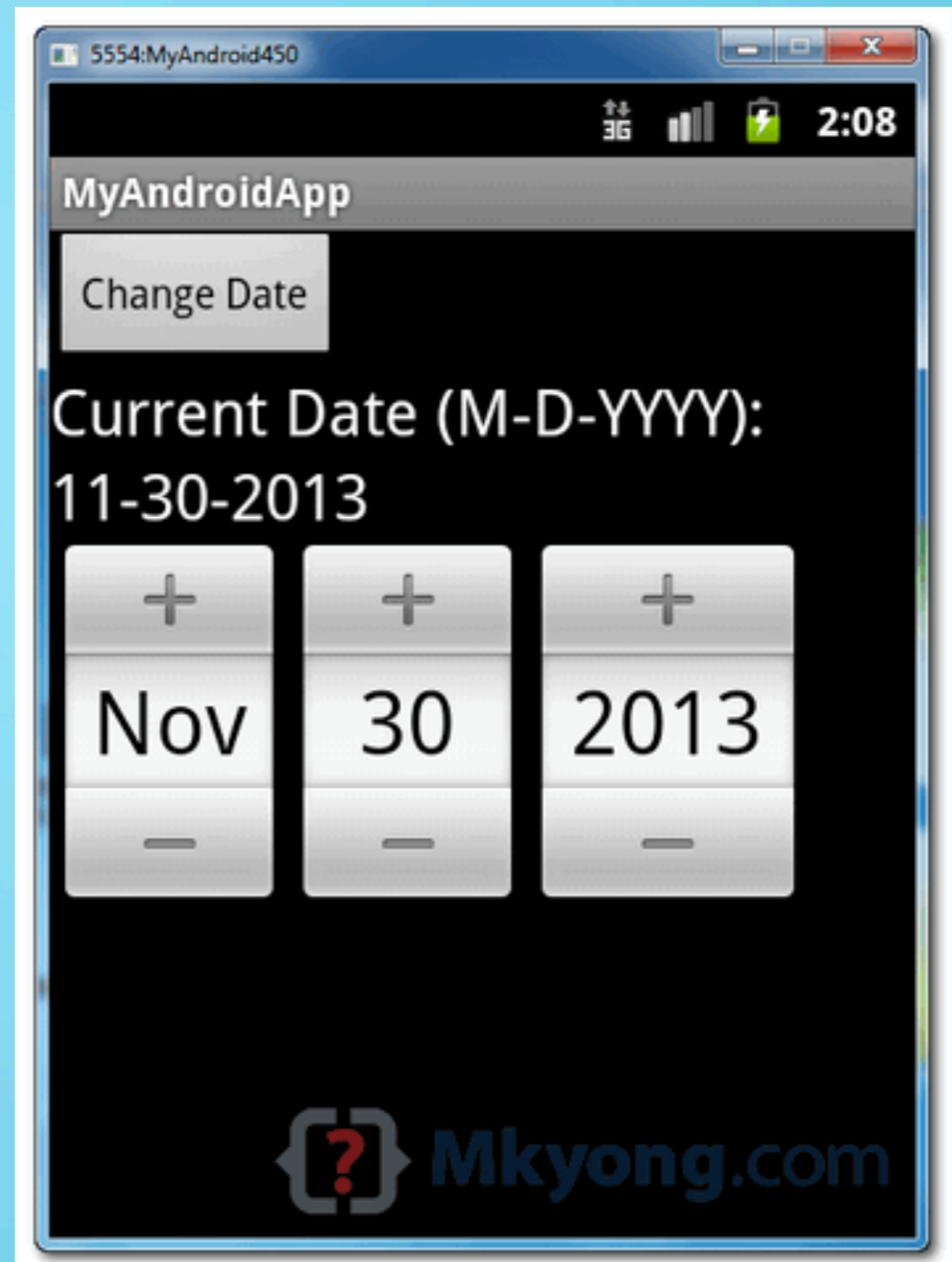
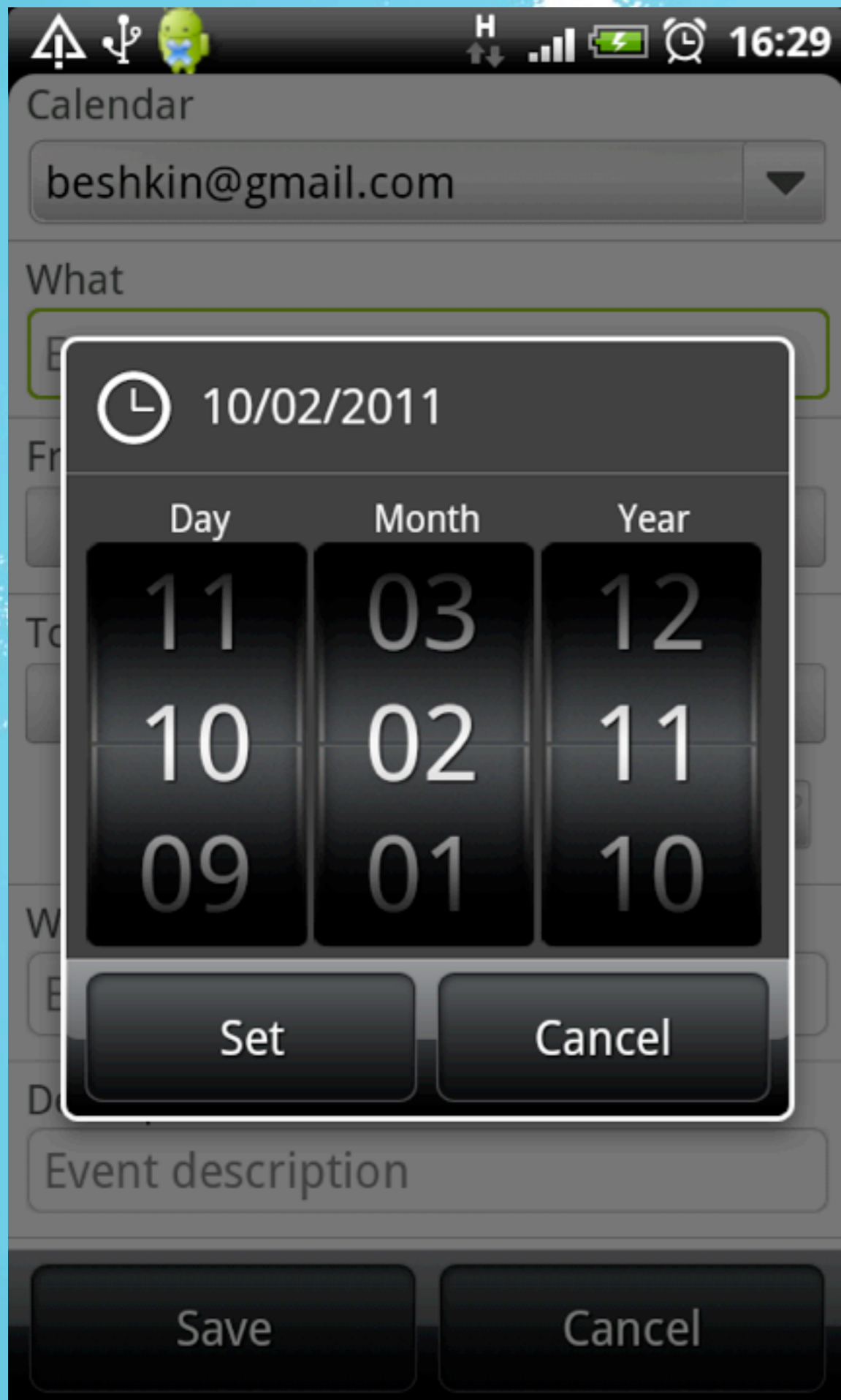
FORM WIDGETS 2



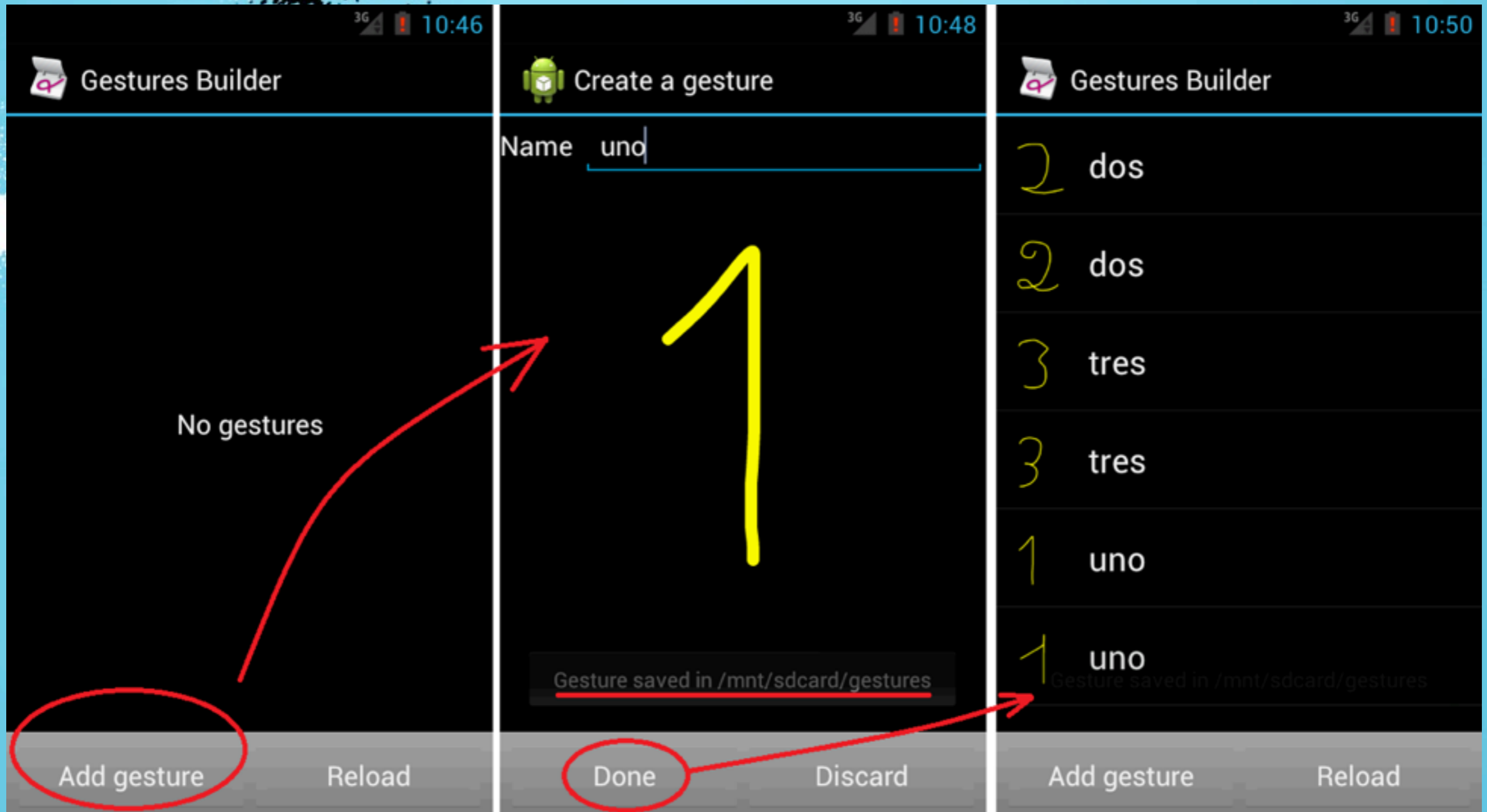
GALLERY



DATE / TIME PICKERS



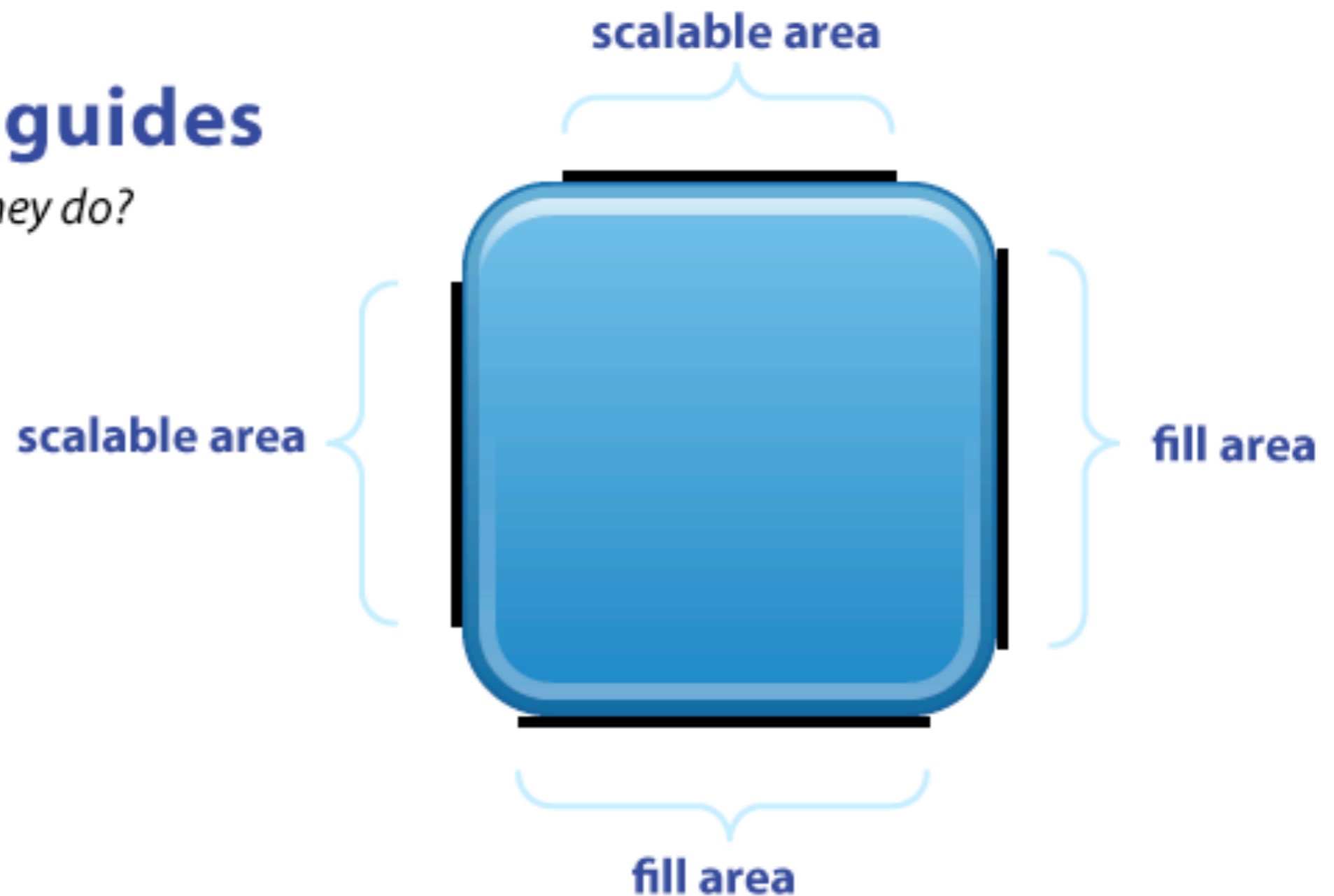
GESTUREOVERLAY VIEW

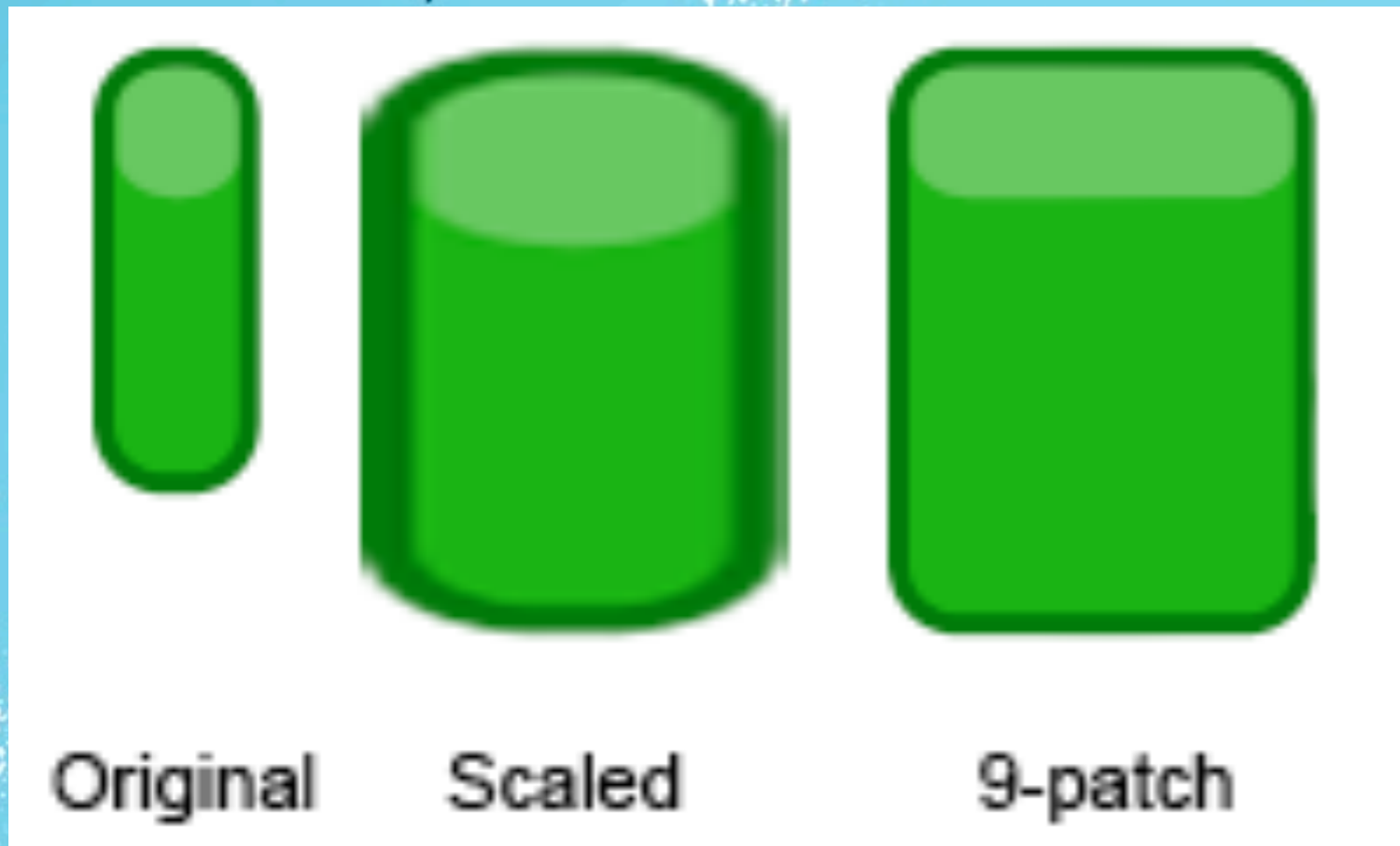


9PATCH

9-patch guides

what do they do?





9PATCH

- Background image resources
- Buttons, Large areas
- Resizes for purpose
- Could be replaced by `NinePatchDrawable`