Computer Science E-76
Building Mobile Applications

Lecture 5: [Android] Intents and Storage
February 27, 2011

Dan Armendariz
danallan@mit.edu

`res/anim/`	XML files for frame-by-frame animation
`res/drawable/`	images compiled and optimized
`res/layout/`	XML files for screen layouts
`res/values/`	compiled XML files into different resource
`res/xml/`	arbitrary XML files
`res/raw/`	raw, uncompiled files

Resources | Additional Information

px	Standard physical pixel
in	Inches, based on physical size of screen
mm	Millimeters, based on screen size
pt	Points, 1/72 of an inch based on screen size
dp	Density-independent Pixel. Relative pixel size vs 160dpi screen
sp	Scale-independent pixel. Like dp, but scaled by user's font size pref (use for specifying font)

Resources | Dimension measurements
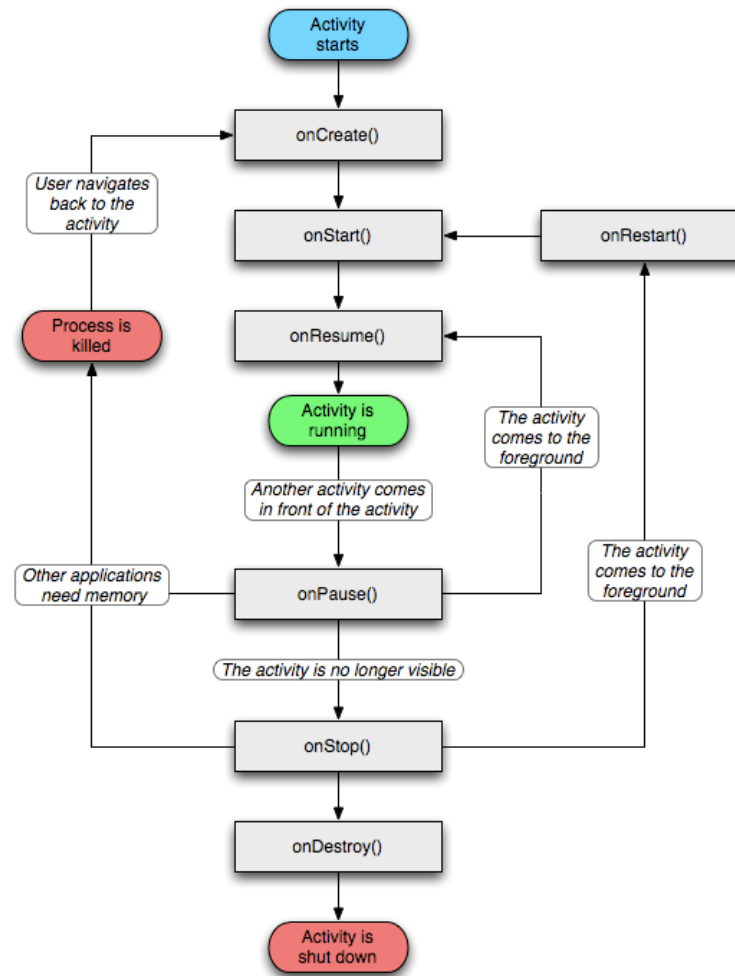
Intents launch:
Activities
Services
Broadcasts

Intents | A bundle of information

Preferences	Lightweight key-value pair store
Files	Read/write files dynamically
Databases	SQLite

Data Storage | Methods

http://developer.android.com/reference/android/app/Activity.html

Activity | Lifecycle

Read	`Context.openFileInput()` **returns** `FileInputStream`
Write	`Context.openFileOutput()` **returns** `FileOutputStream`

Data Storage | Files

Computer Science E-76
Building Mobile Applications

Lecture 5: [Android] Intents and Storage
February 27, 2011

Dan Armendariz
danallan@mit.edu