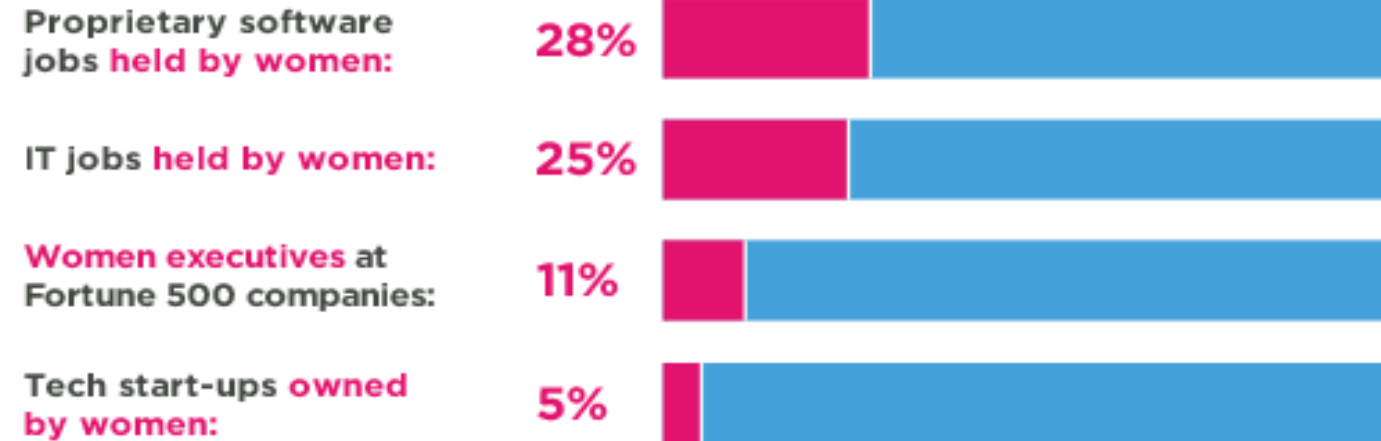


Women in TECH

Binisha Shrestha
Nhasala Joshi
GDG Women

Women in Tech: Stats

Globally:



Nepalese: Even Low!

Women in Tech: Problems

- Education level
- Leadership skill

Women in Tech: Reform

Reasons to Reform

1. Create **Diversity**
2. Improve **Economic** state
3. Increase female **Number**
4. Start **Now**

Women in Tech

Global Organizations:

Girls who Code.

She++

LeanIn.org



National Organizations:

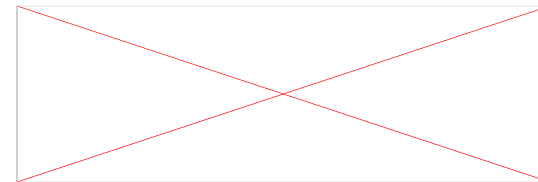
Women in IT, CAN

Nepalese Women Entrepreneurs Forum

GDG Women

WomenLEAD in Technology

Code for Nepal



Women in Tech



Join us in:

GDG Women in google+

Karkhana Women Club

WomenLEAD in Tech

Introduction To Android

What is Android?

Versions Of Android

Android milestone builds (with Astro Boy and Bender)

Android 1.0 (No codename) API level 1

Android 1.1 - Petit Four API level 2



Android 1.5
Cupcake



Android 1.6
Donut



Android 2.0 & 2.1
Eclair



Android 2.2
Froyo



Android 2.3
Gingerbread



Android 3.0
Honeycomb



Android 4.0
Ice-cream Sandwich



Android 4.1 & 4.2
Jellybean



Android 4.4
KitKat



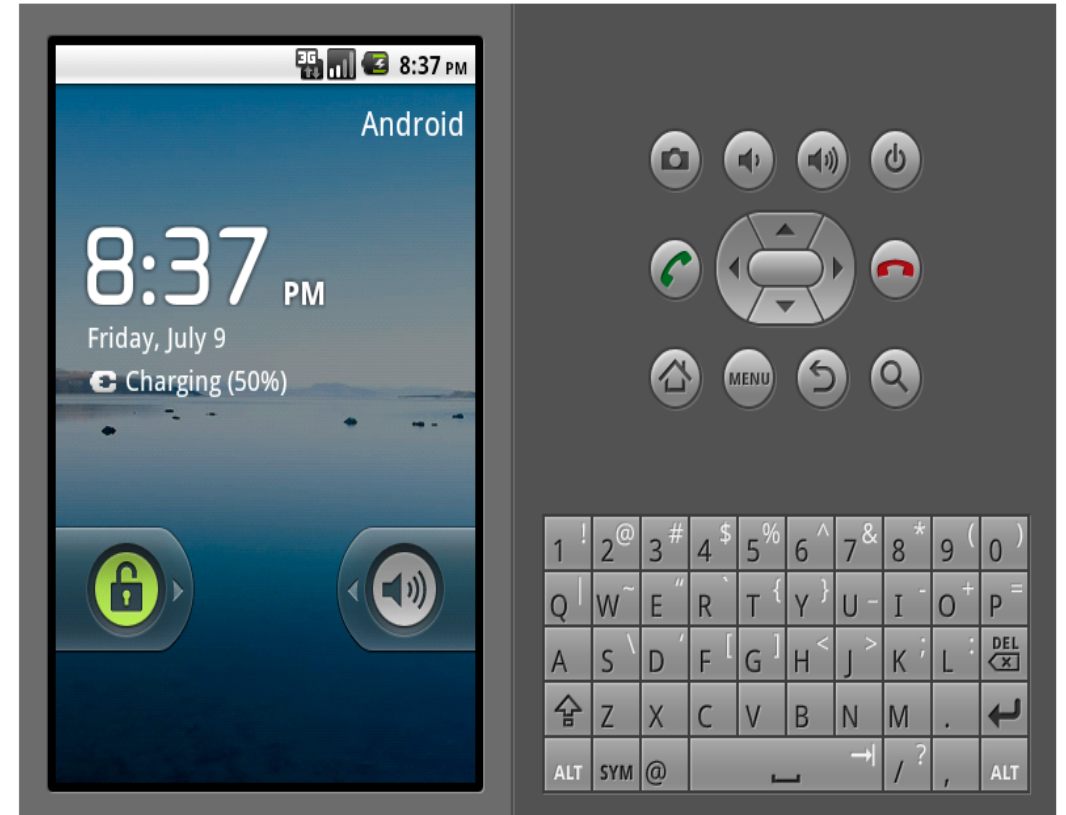
Android 5.0
Lollipop

Pre-requisites to learn Android

- Knowledge of OOP
- Java Fundamentals

Software requirements:

- Java Runtime Environment - JRE , included in JDK
- Eclipse IDE (Integrated Development Environment)
- ADT Plugin for Eclipse.
- Android SDK



Resources

- SDK:

<http://developer.android.com>

- Android Source:

<http://source.android.com/>

Android Applications

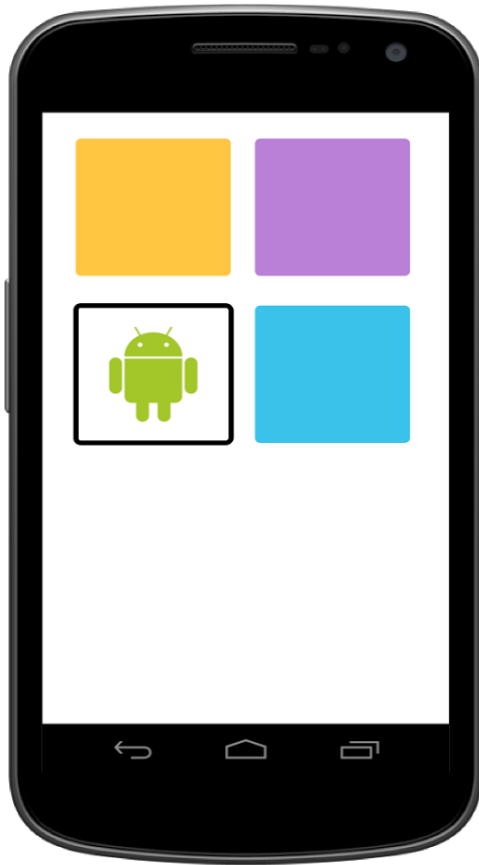
Android applications are composed of one or more application components viz,

- activities,
- services,
- intents,
- content providers, and
- broadcast receivers

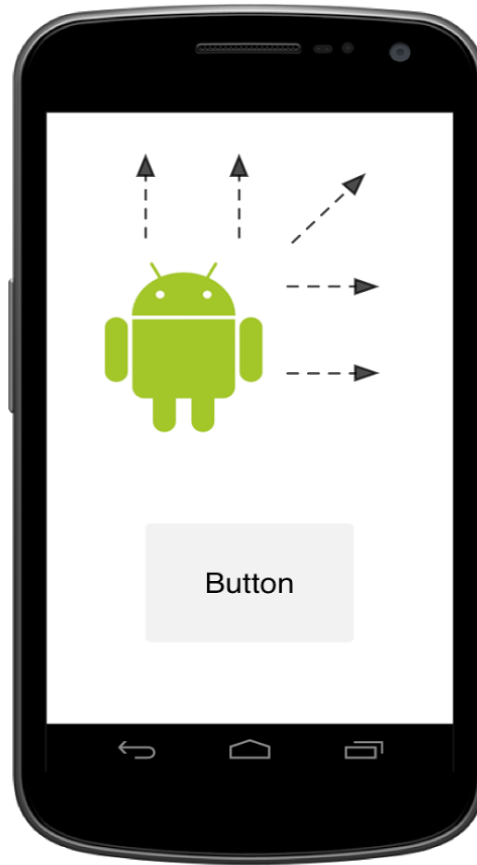


Activity

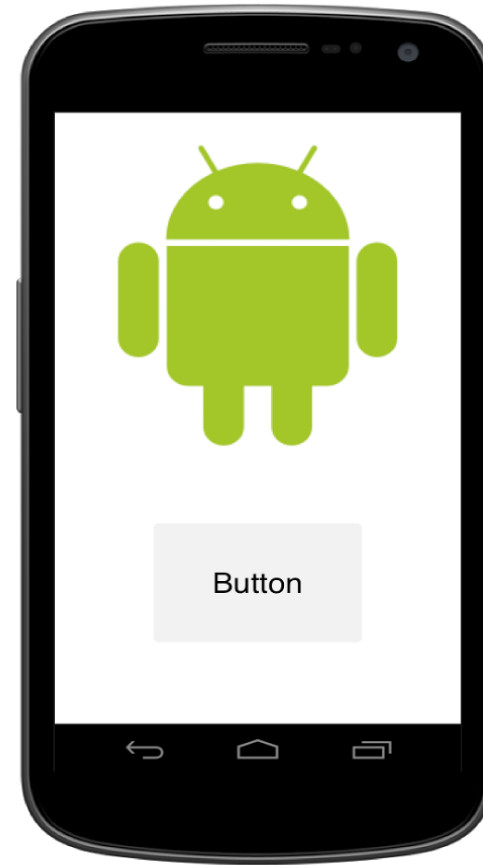
Activity is usually a single screen in your application



Activity 1



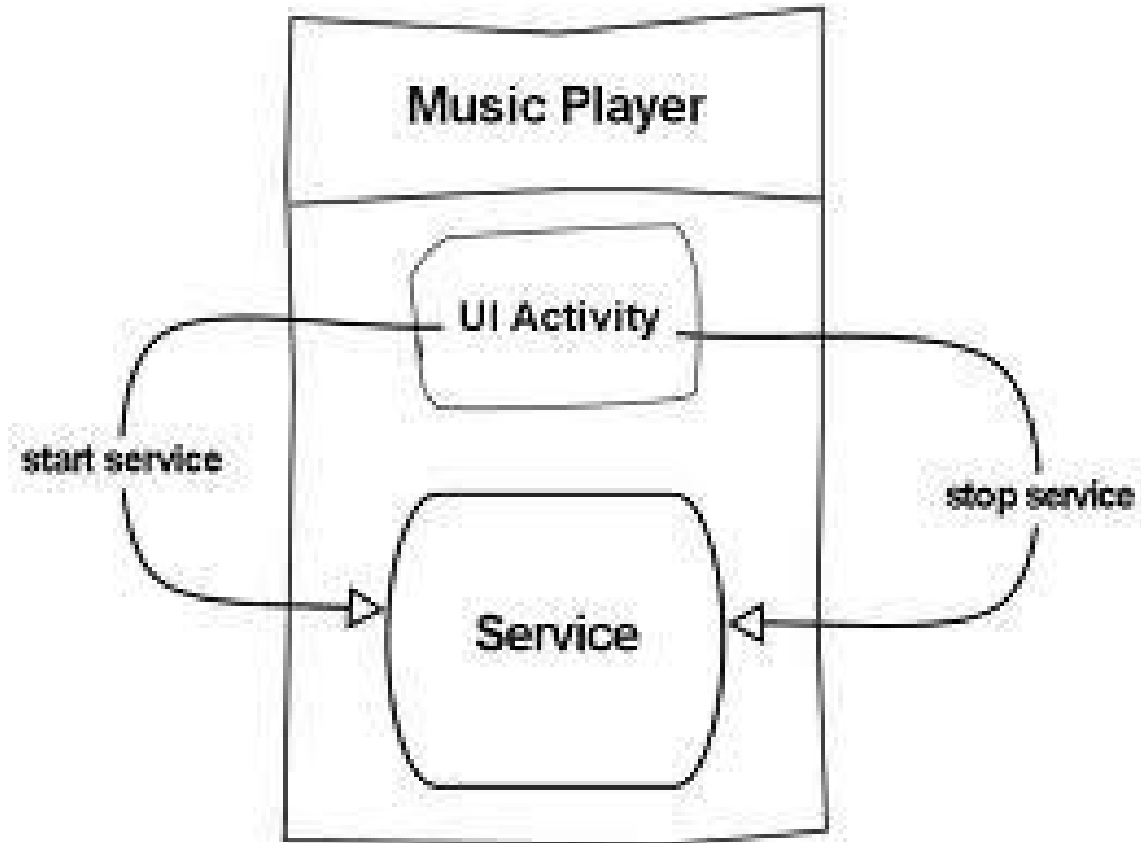
Scene Transition Animation
(common element)



Activity 2

Services

A [Service](#) is an application component that can perform long-running operations in the background and does not provide a user interface



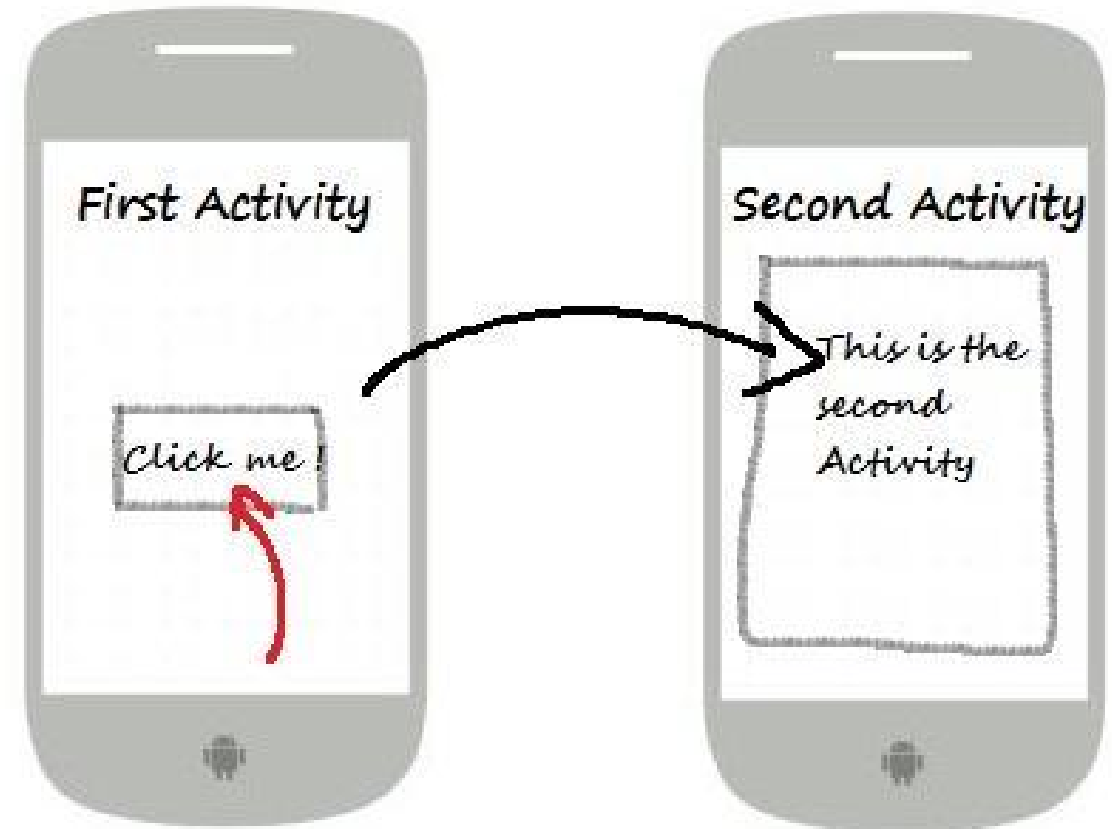
Intents

An **Intent** is a messaging object you can use to request an action from another app component.

Intents facilitate communication between components

Three fundamental use of intents are

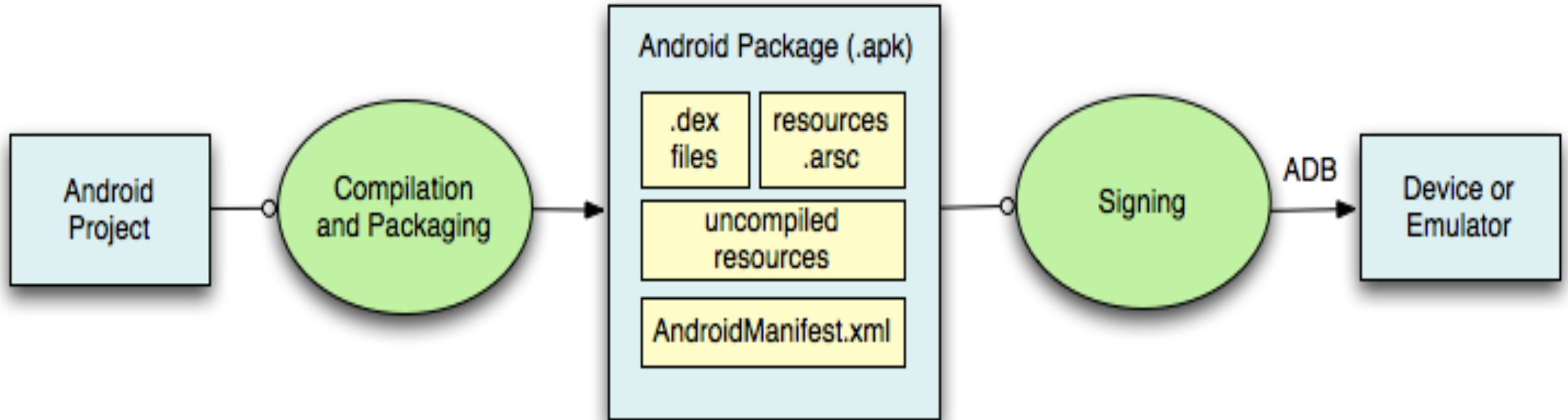
- 1.To start an activity
- 2.To start a service
- 3.To deliver a broadcast



Android Development Work through

Run Your Code

Run your code in your device



Publish Your App

Then,

Version your apps

To define the version information for your application, you set attributes in the application's manifest file

Sign your apps

The Android system requires that all installed applications be digitally signed with a certificate whose private key is held by the application's developer.

Thank You!

Let's get into Android
ecosystem together !

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