

# Android intro

Rambo

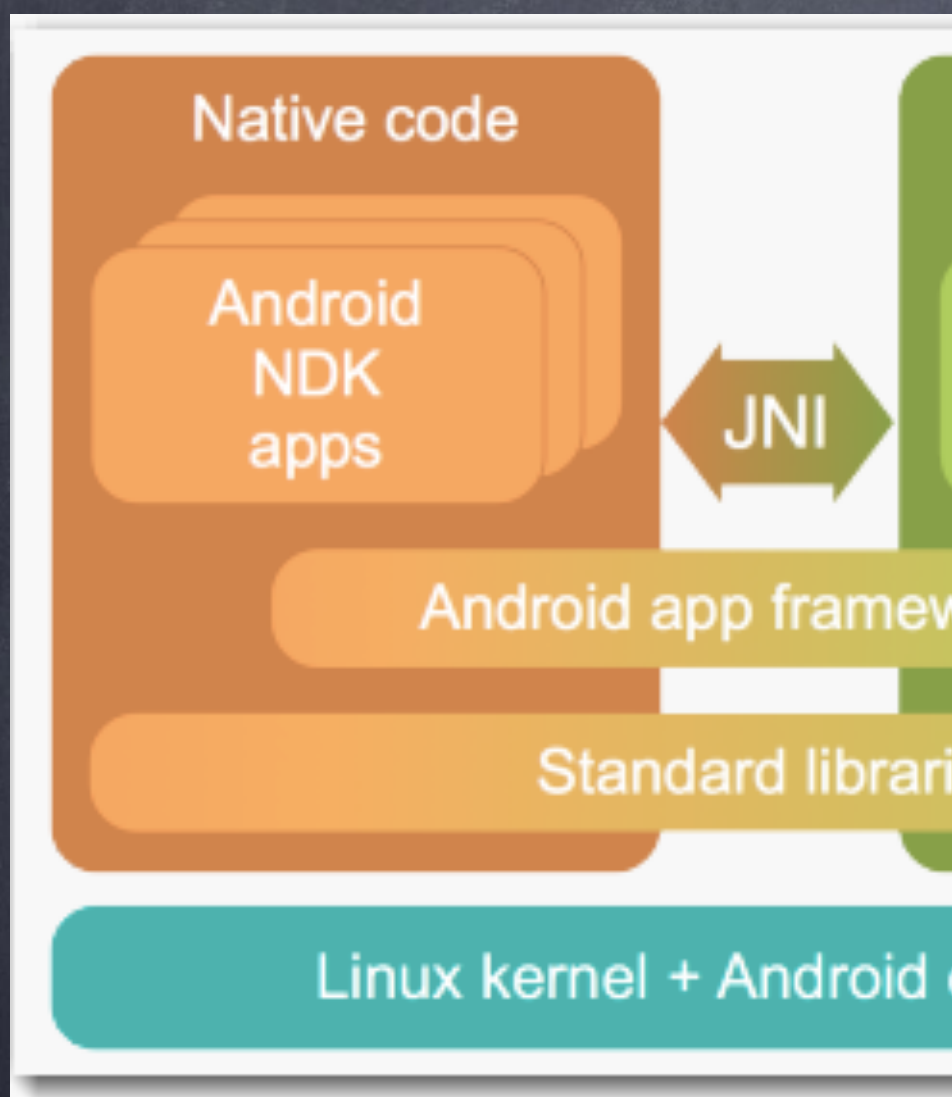
2015.9



# Architecture







## Standard libraries

Apache  
HTTP

Bouncy  
Castle

Fdlibm

FreeType

Harmony  
subset

ICU

KXML

libc

OpenGL  
ES

Open SSL

SAX

SGL

SQLite

WebKit

Zlib

...

## Android NDK app

Android  
manifest

Dalvik classes

Resource  
bundle

Libraries  
& JNI

## Android SDK app

Android  
manifest

Dalvik classes

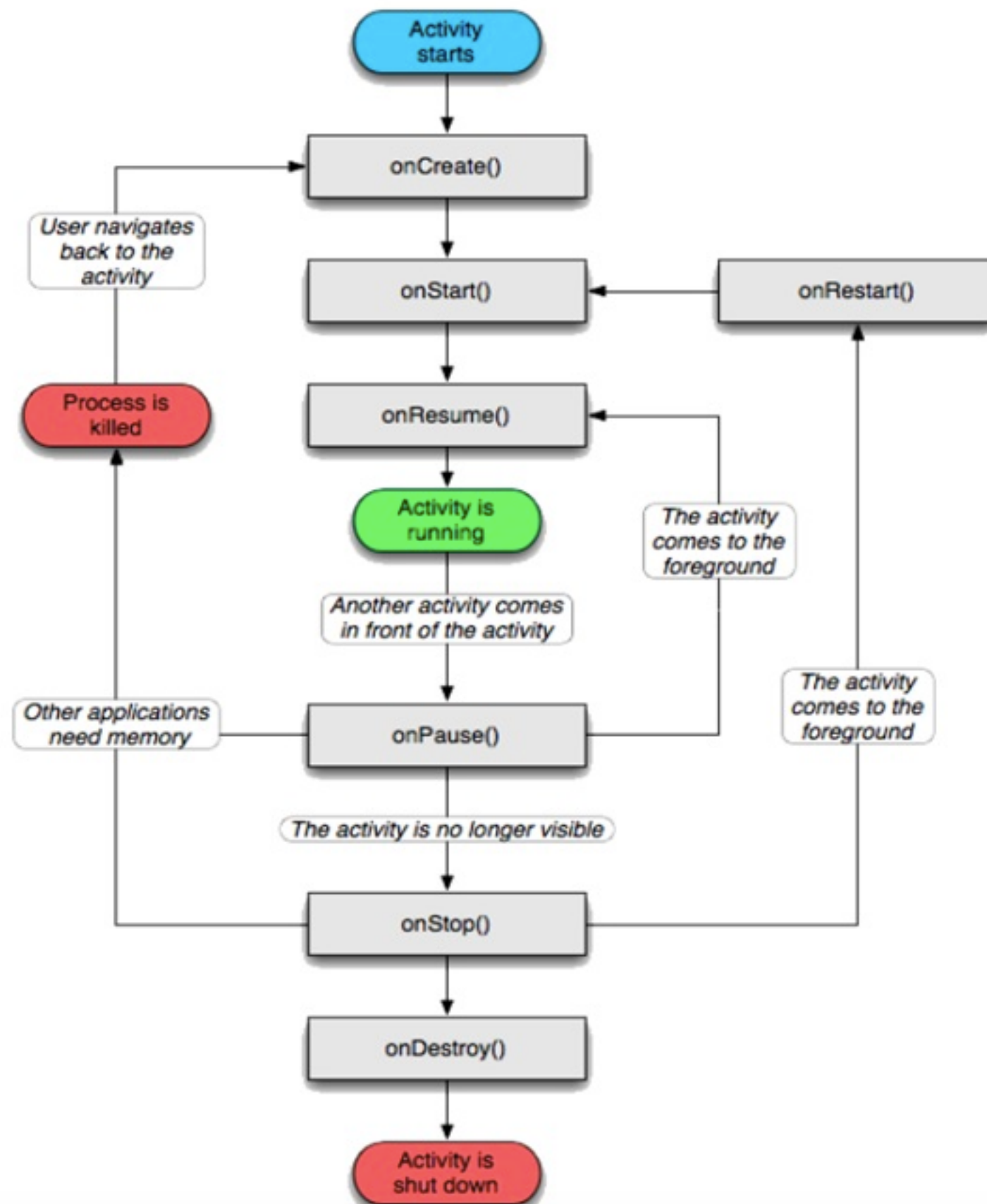
Resource  
bundle



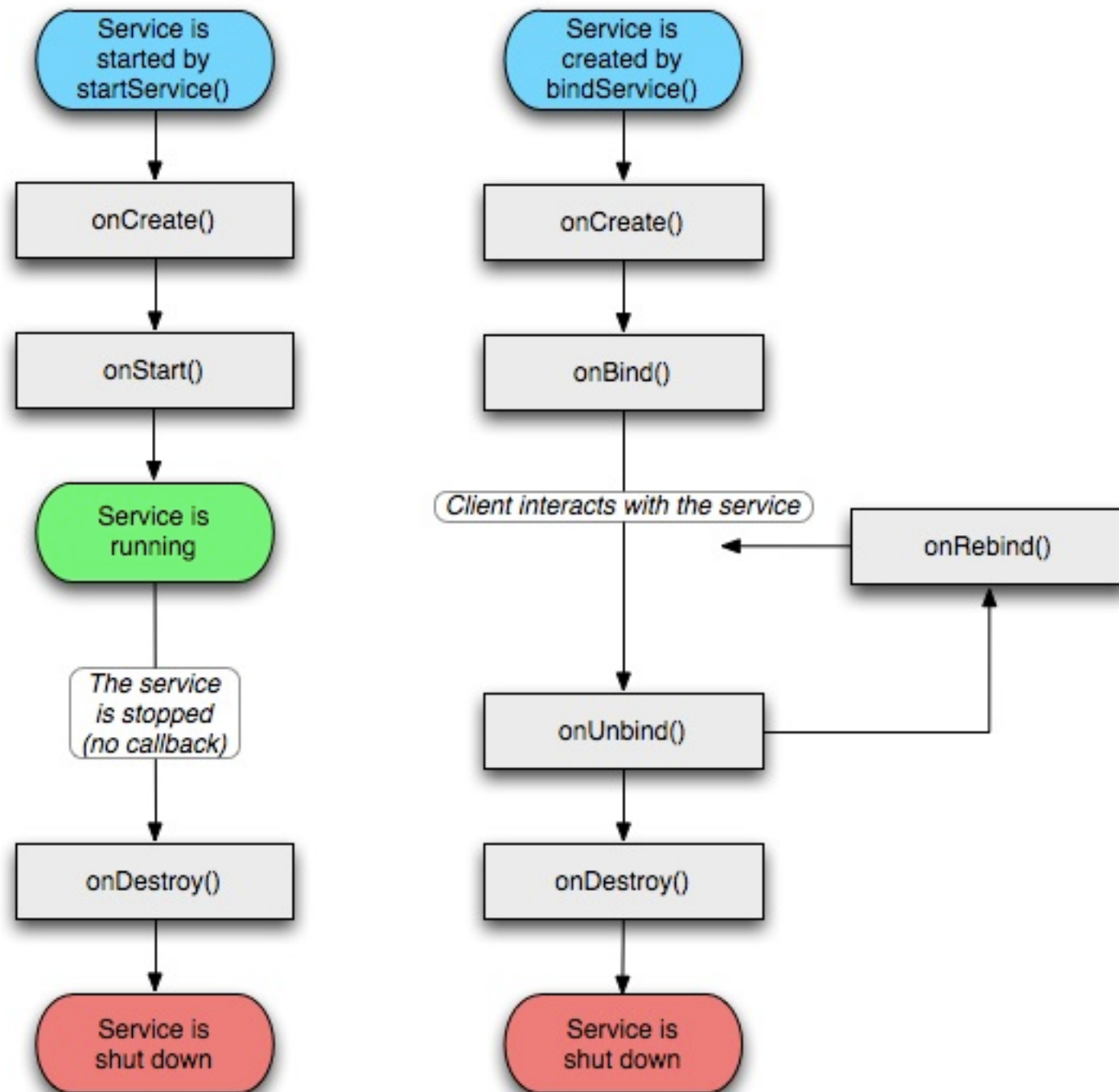
# Basic Component

- Activity
- Service
- Content Provider
- Broadcast Receive





# Service





- Application
- Fragment
- Intent
- Handler
- View(ListView/ScrollView/ImageView/..)
- Layout(LinearLayout/RelativeLayout)



# storage

- File
- SharedPreferences
- SQLite



# network

- http
- socket
- NFC
- BLE