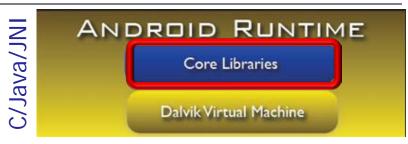
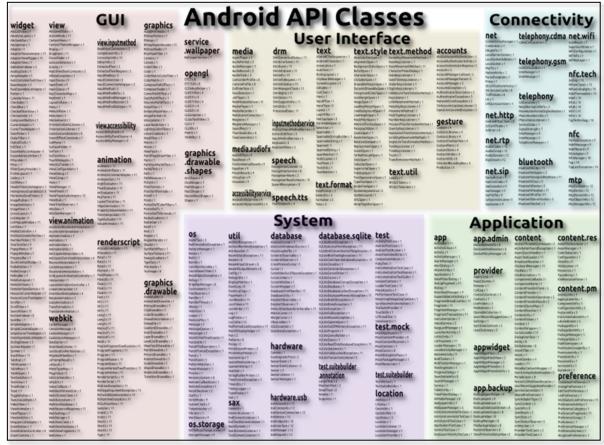
Overview of the Android Runtime: Core Android Libraries

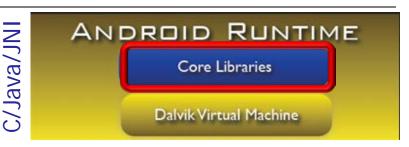
- Supports concurrently executing Java apps on mobile devices
 - Virtual Machine (VM)
 - Core Libraries
 - Core Java classes
 - android.* classes





See www.makelinux.
net/android/classes

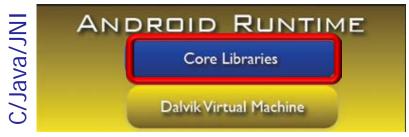
- Supports concurrently executing Java apps on mobile devices
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 - android.* classes
 - Android concurrency frameworks

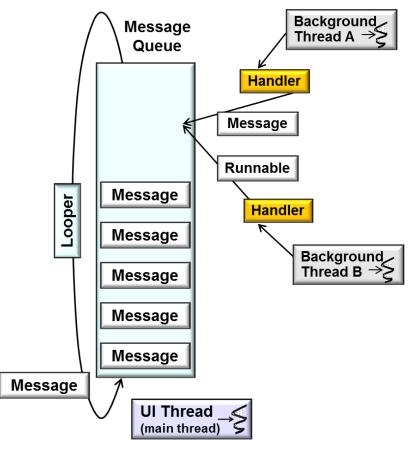




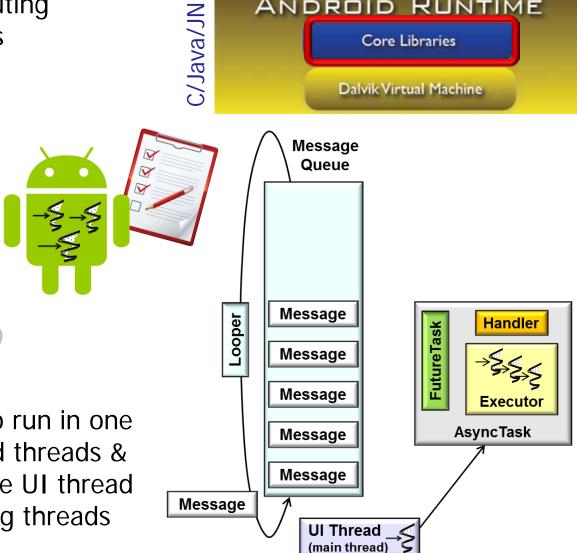
See www.vogella.com/tutorials/Android
BackgroundProcessing/article.html

- Supports concurrently executing Java apps on mobile devices
 - Virtual Machine (VM)
 - Core Libraries
 - Core Java classes
 - android.* classes
 - Android concurrency frameworks
 - Handlers, Messages,
 & Runnables (HaMeR)
 - Allows operations to run in one or more background threads that publish their results to the UI thread





- Supports concurrently executing Java apps on mobile devices
 - Virtual Machine (VM)
 - **Core Libraries**
 - Core Java classes
 - android.* classes
 - Android concurrency frameworks
 - Handlers, Messages, & Runnables (HaMeR)
 - AsyncTask
 - Allows operations to run in one or more background threads & publish results to the UI thread without manipulating threads or handlers

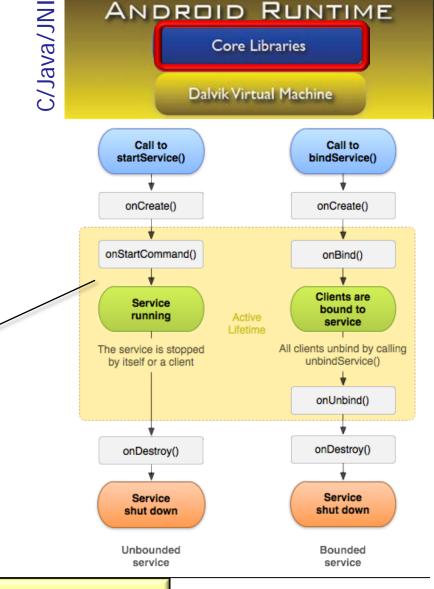


ANDROID RUNTIME

Core Libraries

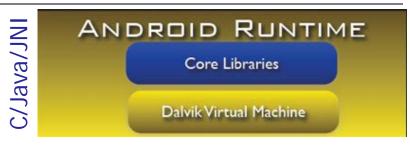
- Supports concurrently executing Java apps on mobile devices
 - Virtual Machine (VM)
 - Core Libraries
 - Core Java classes
 - android.* classes
 - Android concurrency frameworks
 - Android services framework

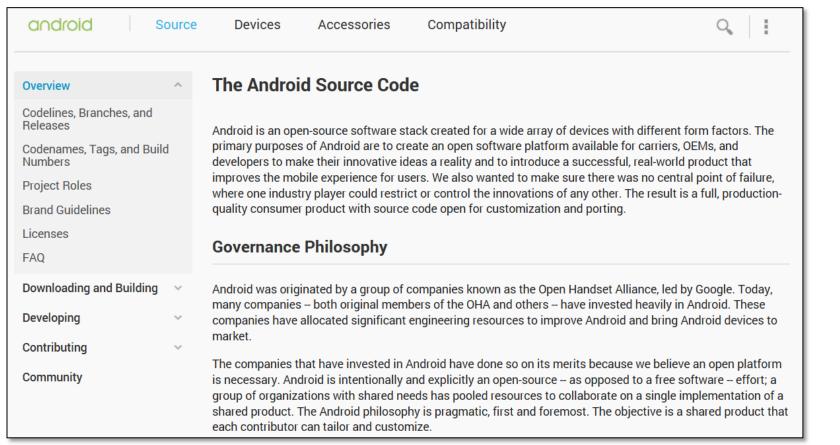
Android services allow computations & communication to run in the background



See <u>developer.android.com/</u> guide/components/services.html

- Supports concurrently executing Java apps on mobile devices
- We'll examine lots of source code related to the Android Runtime





See <u>source.android.com</u>