



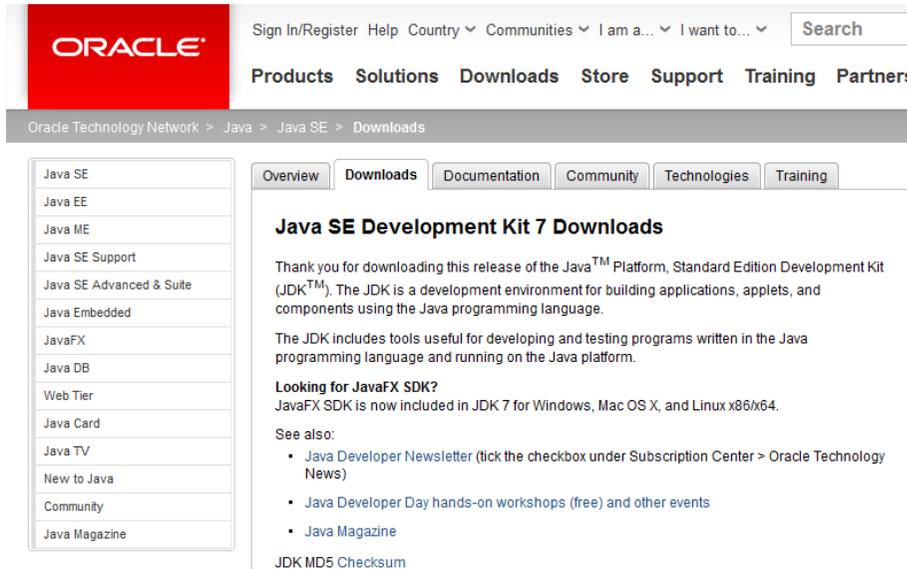
# PERSIAPAN MEMBUAT APLIKASI ANDROID

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# INSTALASI JDK

- Karena android dikembangkan berbasis java
- JDK untuk compile program java
- JDK terbaru dapat didownload di <http://www.oracle.com/technetwork/java/javase/downloads/jdk7-downloads-1880260.html>



The screenshot shows the Oracle website's navigation and content for the Java SE Development Kit 7 Downloads. The Oracle logo is in the top left. The navigation menu includes Sign In/Register, Help, Country, Communities, I am a..., I want to..., and Search. The main navigation bar lists Products, Solutions, Downloads, Store, Support, Training, and Partners. The breadcrumb trail is Oracle Technology Network > Java > Java SE > Downloads. The left sidebar lists various Java products: Java SE, Java EE, Java ME, Java SE Support, Java SE Advanced & Suite, Java Embedded, JavaFX, Java DB, Web Tier, Java Card, Java TV, New to Java, Community, and Java Magazine. The main content area has tabs for Overview, Downloads, Documentation, Community, Technologies, and Training. The 'Downloads' tab is active, showing the title 'Java SE Development Kit 7 Downloads'. The text below the title reads: 'Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications, applets, and components using the Java programming language. The JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.' Below this, there is a section 'Looking for JavaFX SDK?' with the text 'JavaFX SDK is now included in JDK 7 for Windows, Mac OS X, and Linux x86/x64.' and a 'See also:' section with three bullet points: 'Java Developer Newsletter (tick the checkbox under Subscription Center > Oracle Technology News)', 'Java Developer Day hands-on workshops (free) and other events', and 'Java Magazine'. At the bottom of the content area, it says 'JDK MD5 Checksum'.



# INSTALASI SDK ADT

- SDK sebagai alat bantu dan API dalam mengembangkan aplikasi android
- SDK didapatkan di <http://developer.android.com/sdk/index.html>
- Dapat digunakan **SDK ADT Bundle** untuk mempermudah pembuatan aplikasi
- ADT adalah plugin pada eclipse untuk membuat project android

Name	Date modified	Type	Size
 eclipse	24/10/2013 13:24	File folder	
 sdk	30/10/2013 14:45	File folder	
 SDK Manager	30/10/2013 14:42	Application	350 KB

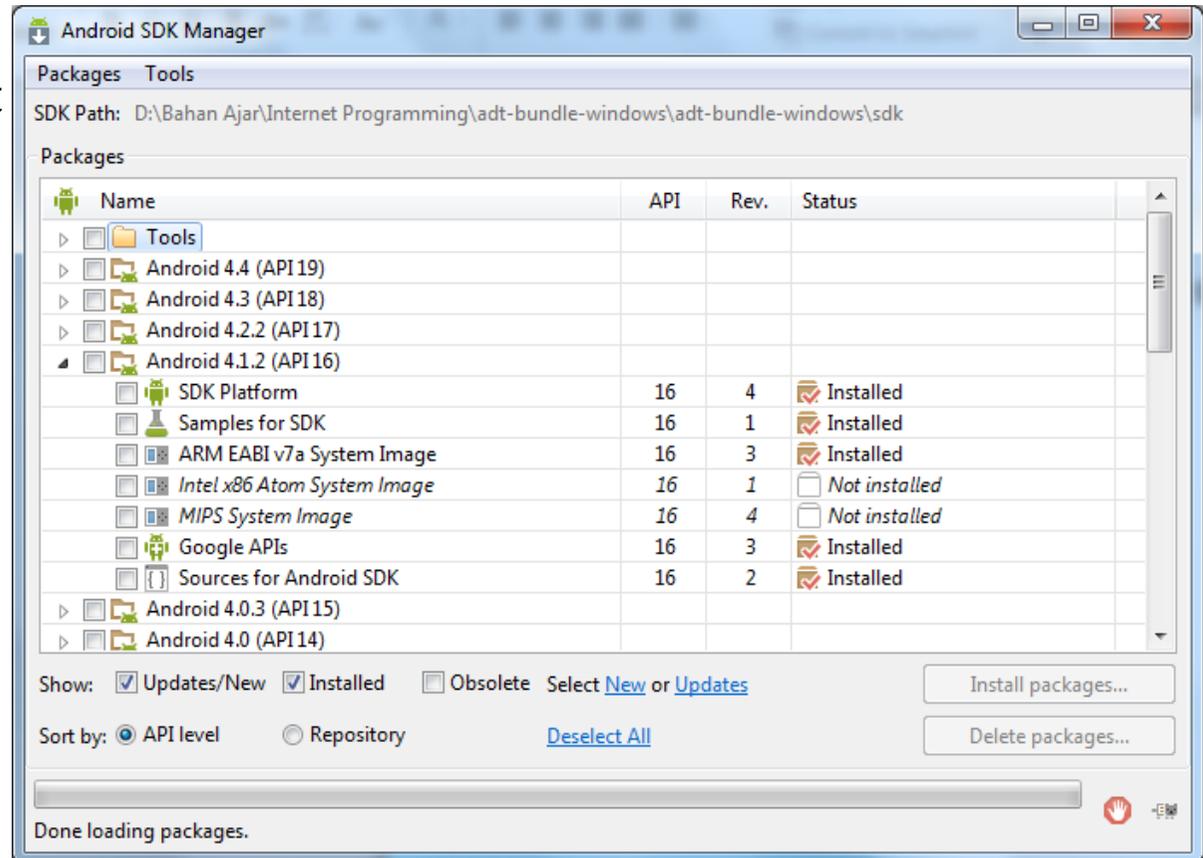


**SDK ADT Bundle**



# UPDATE SDK

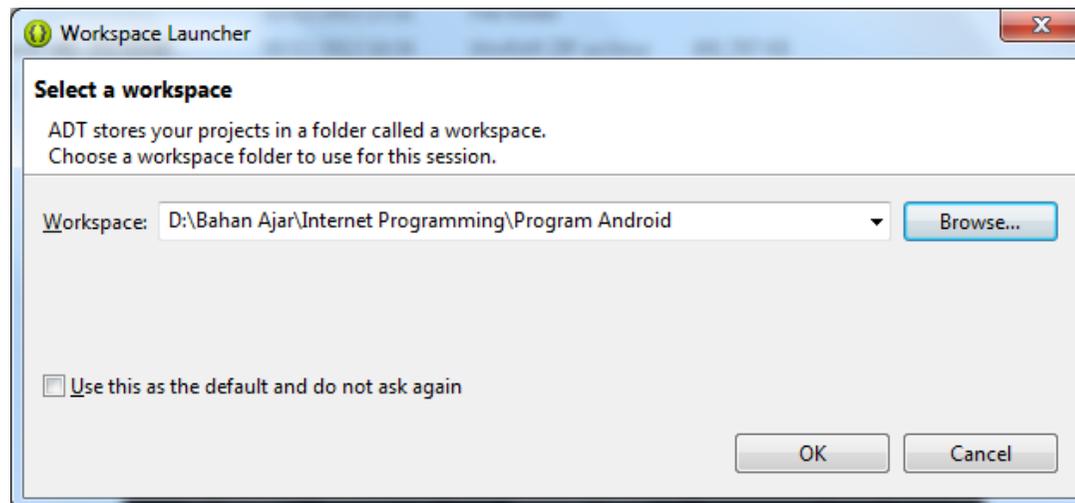
- Jalankan Android SDK Manager
- Pilih Platform Android, misalkan Android 4.1.2 (Jelly Bean) → sesuai kebutuhan
- Harus koneksi internet



# INSTALASI ECLIPSE

- Eclipse sebagai IDE dalam coding aplikasi android
- Kalau menggunakan SDK ADT Bundle, Eclipse include didalamnya

Name	Date modified	Type	Size
 eclipse	24/10/2013 13:24	File folder	
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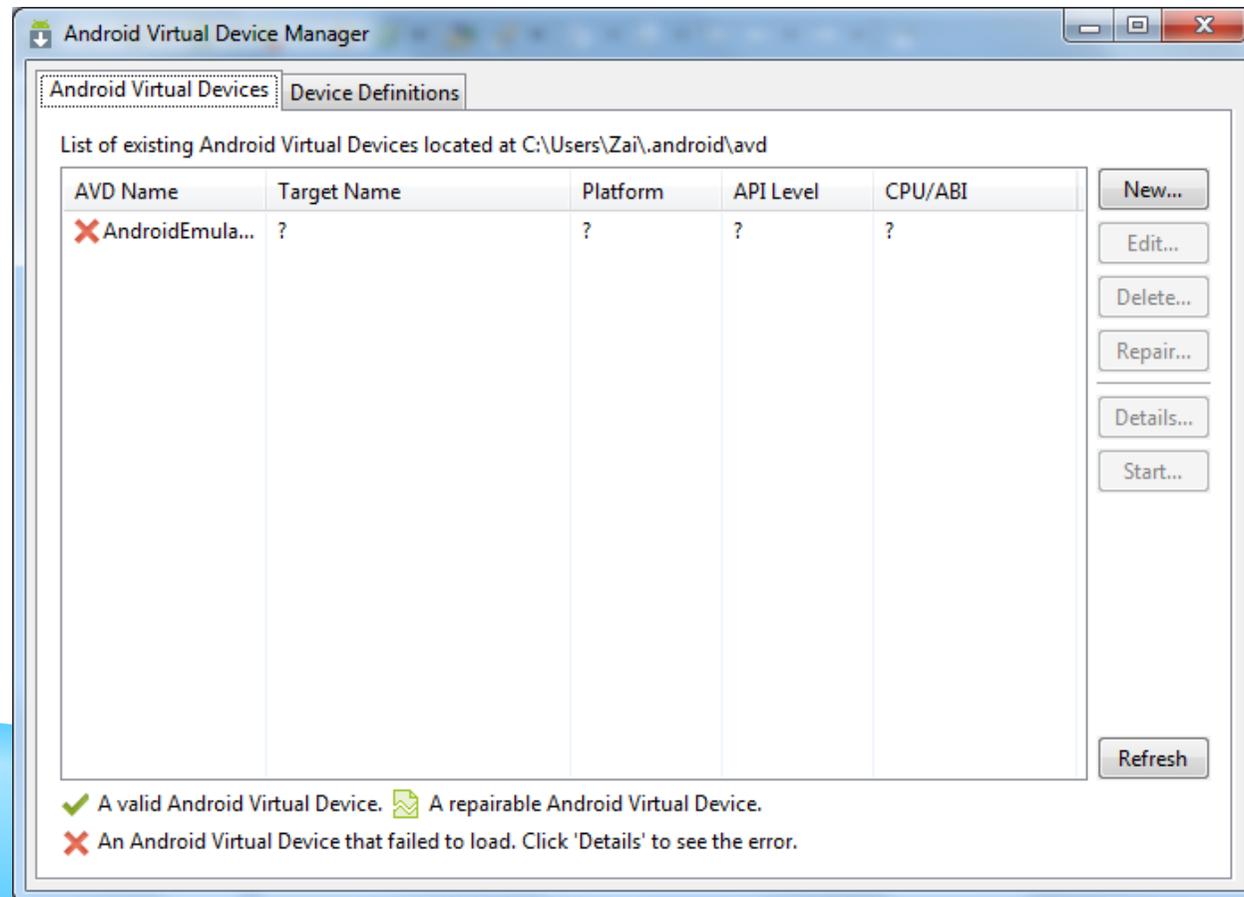


# MEMBUAT AVD

- Pilih Android Virtual Device Manager

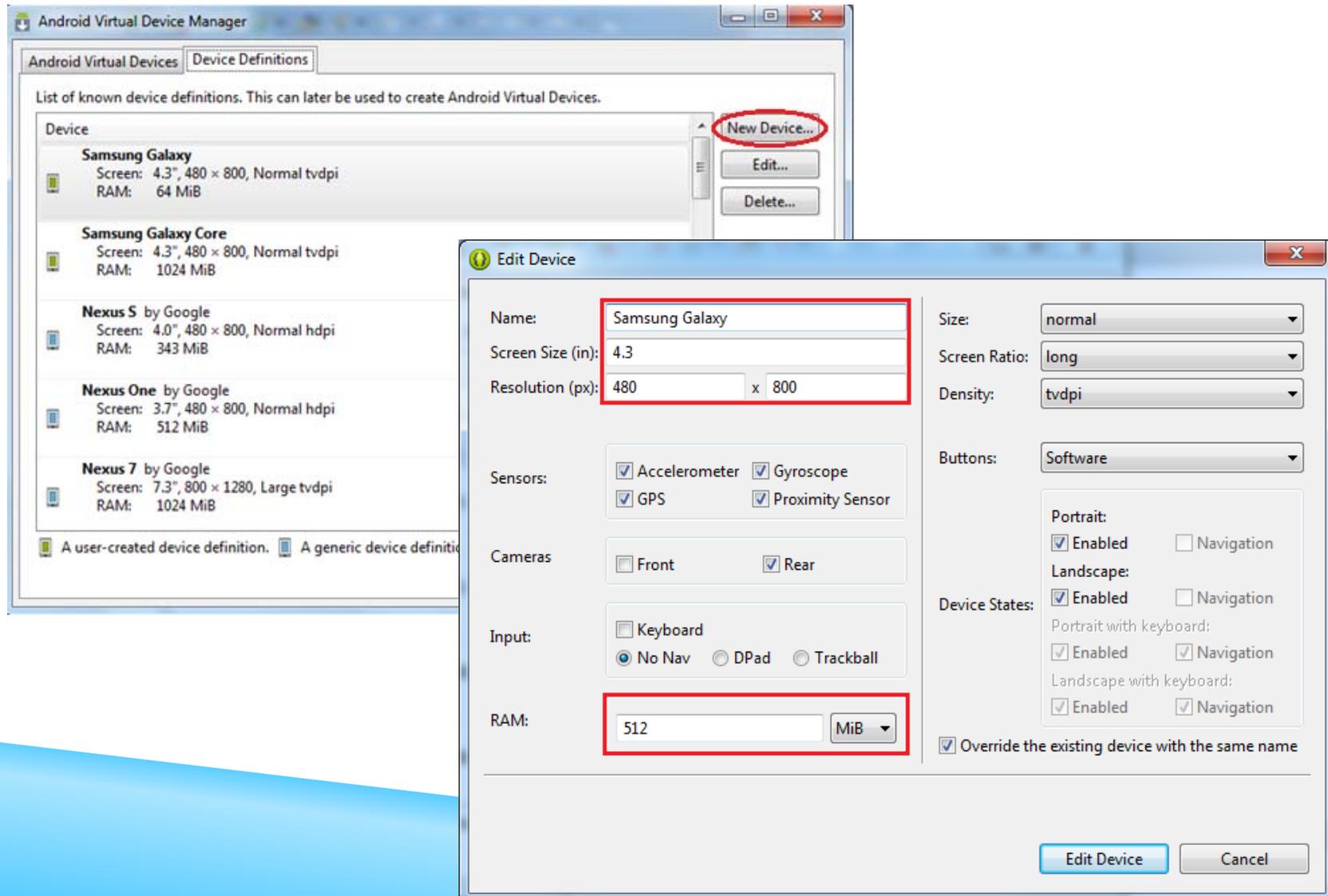


- Pilih New



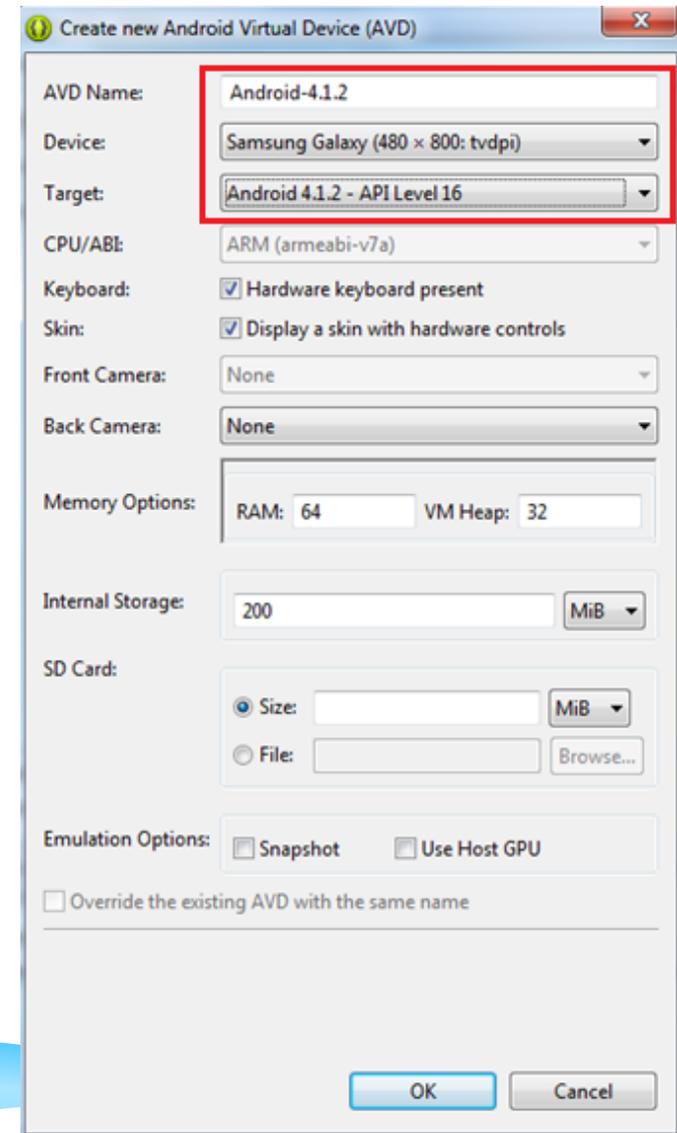
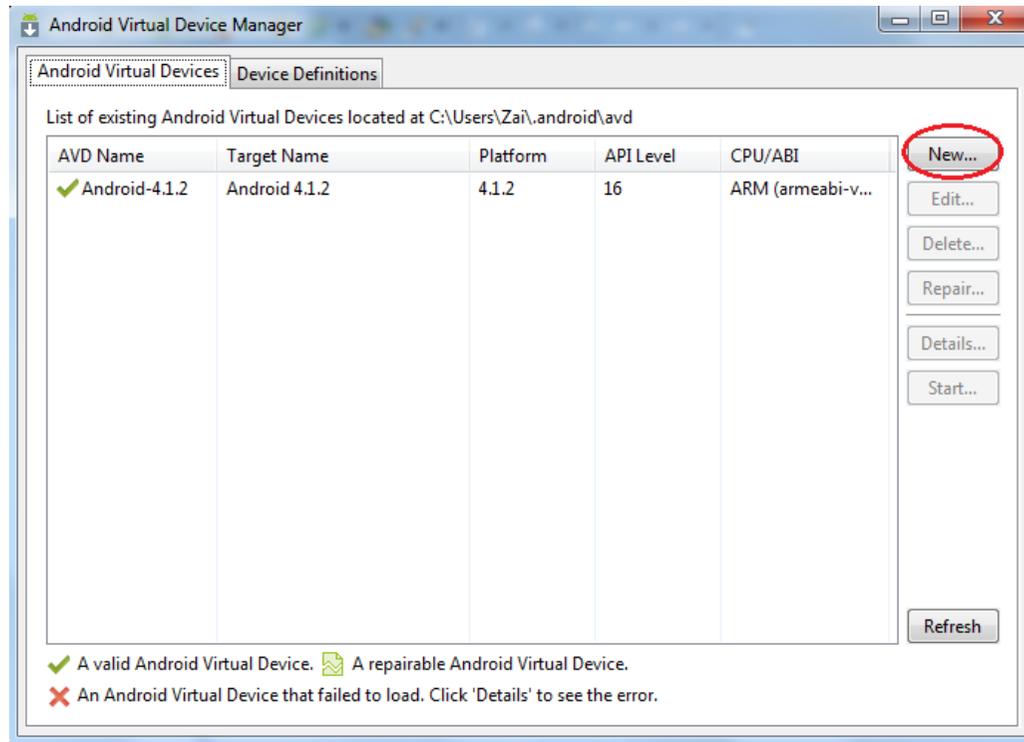
# MEMBUAT AVD (DEVICE DEFINITIONS)

- Buat device baru → Device definitions → New Device



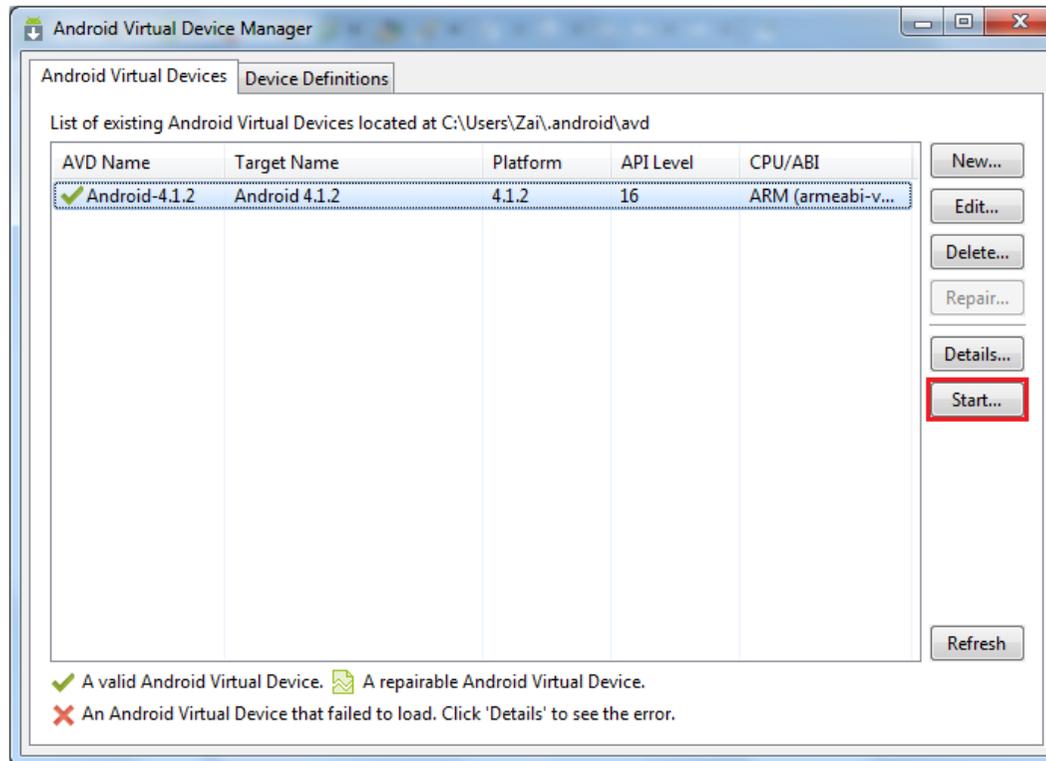
# MEMBUAT AVD

- Pilih Android Virtual Device → New

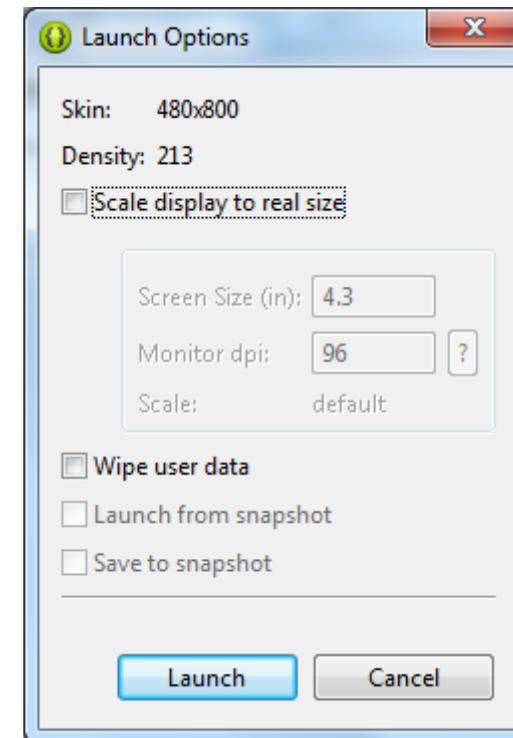


# RUNNING AVD

- Pilih AVD → Start



- Tekan Launch



# RUNNING AVD

