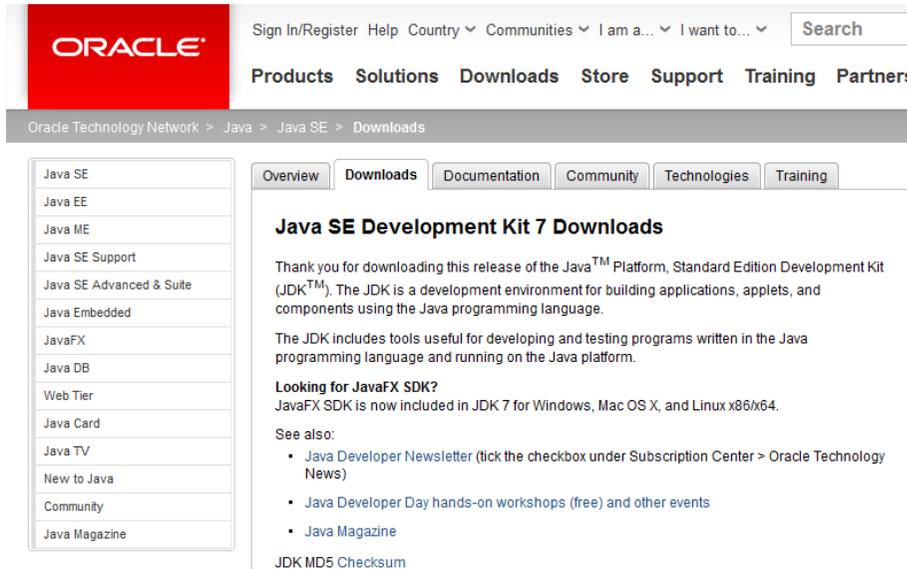# PERSIAPAN MEMBUAT APLIKASI ANDROID

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Politeknik Elektronika Negeri Surabaya

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

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

Download the SDK
ADT Bundle for Windows
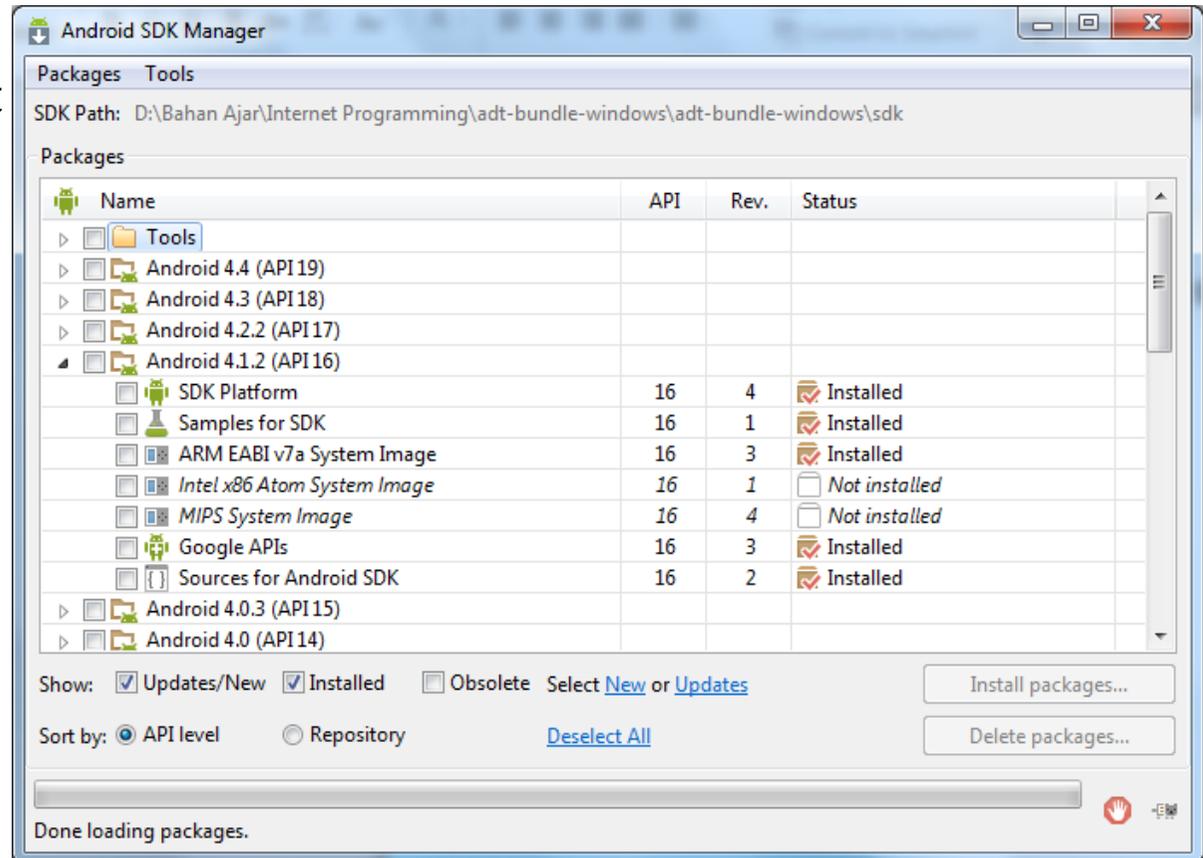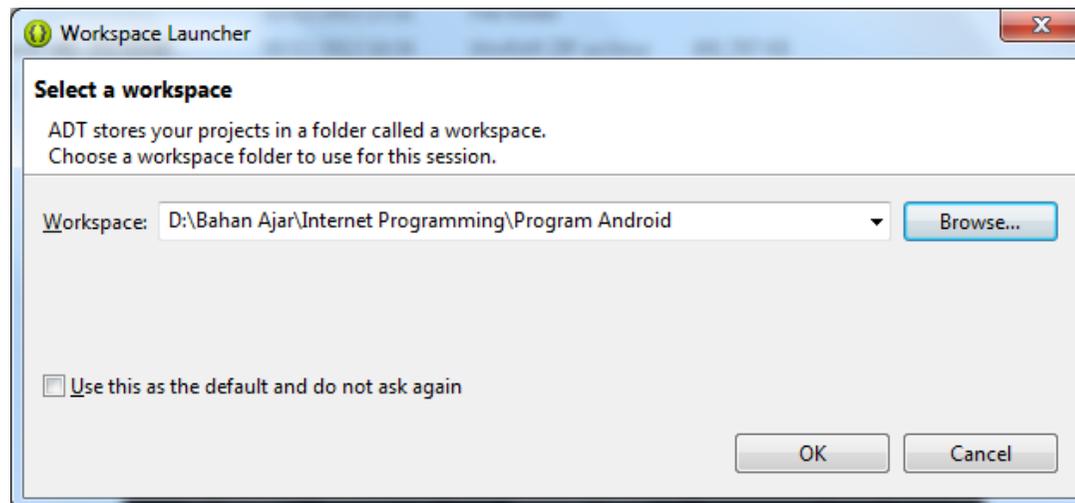
UPDATE SDK

- 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	
sdk	30/10/2013 14:45	File folder	
SDK Manager	30/10/2013 14:42	Application	350 KB

Workspace Launcher

Select a workspace

ADT stores your projects in a folder called a workspace.
Choose a workspace folder to use for this session.

Workspace: D:\Bahan Ajar\Internet Programming\Program Android   Browse...

☐ Use this as the default and do not ask again
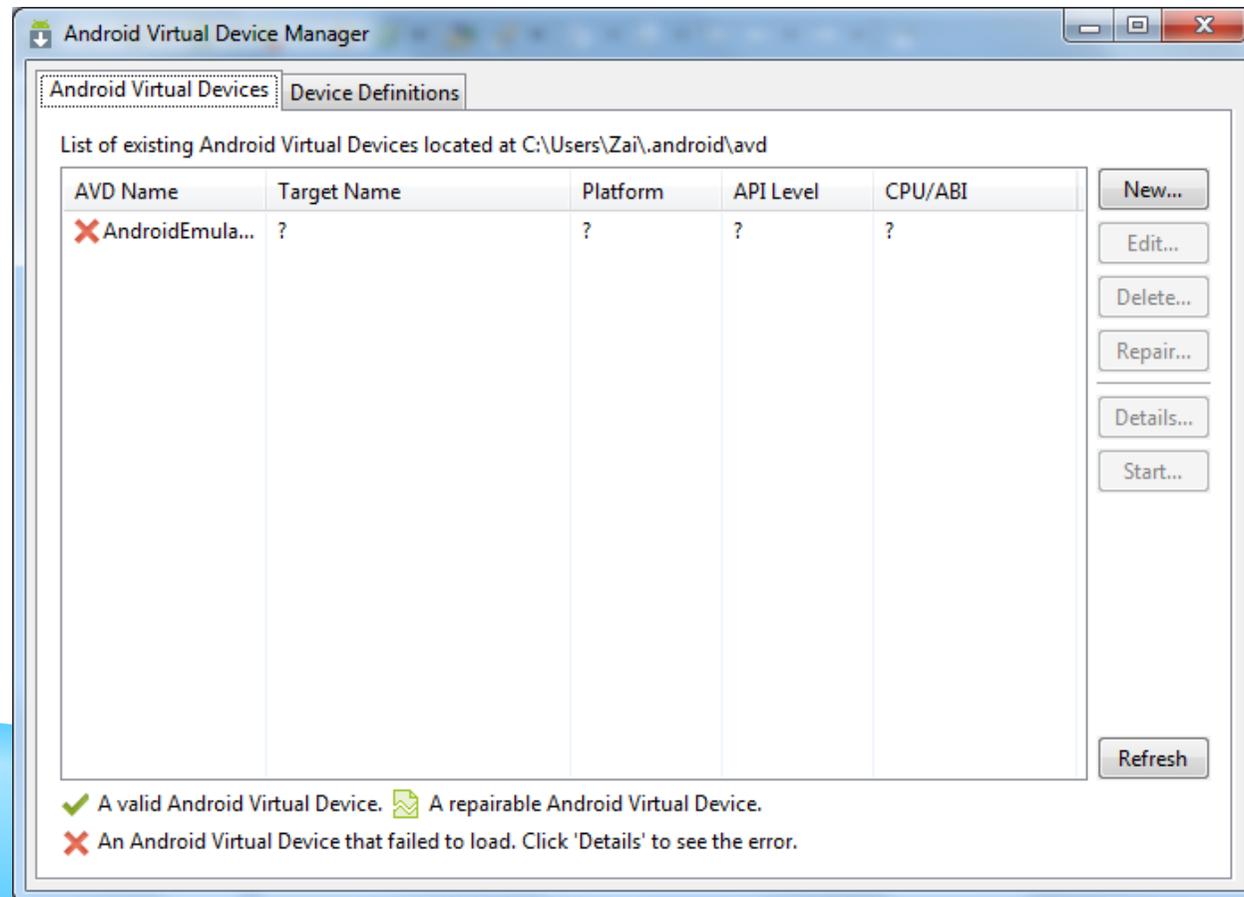
OK   Cancel

ANDROID DEVELOPER TOOLS

MEMBUAT AVD
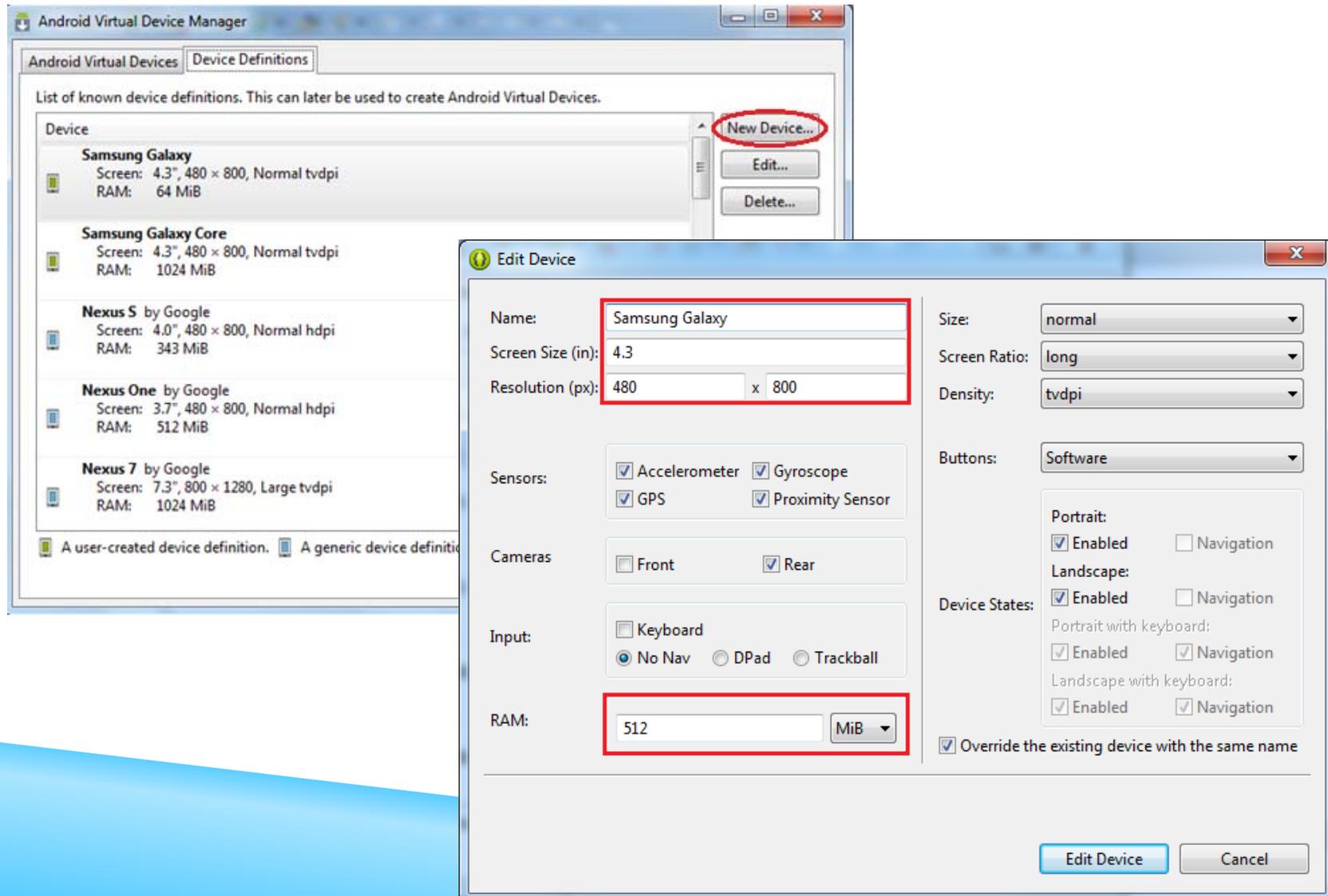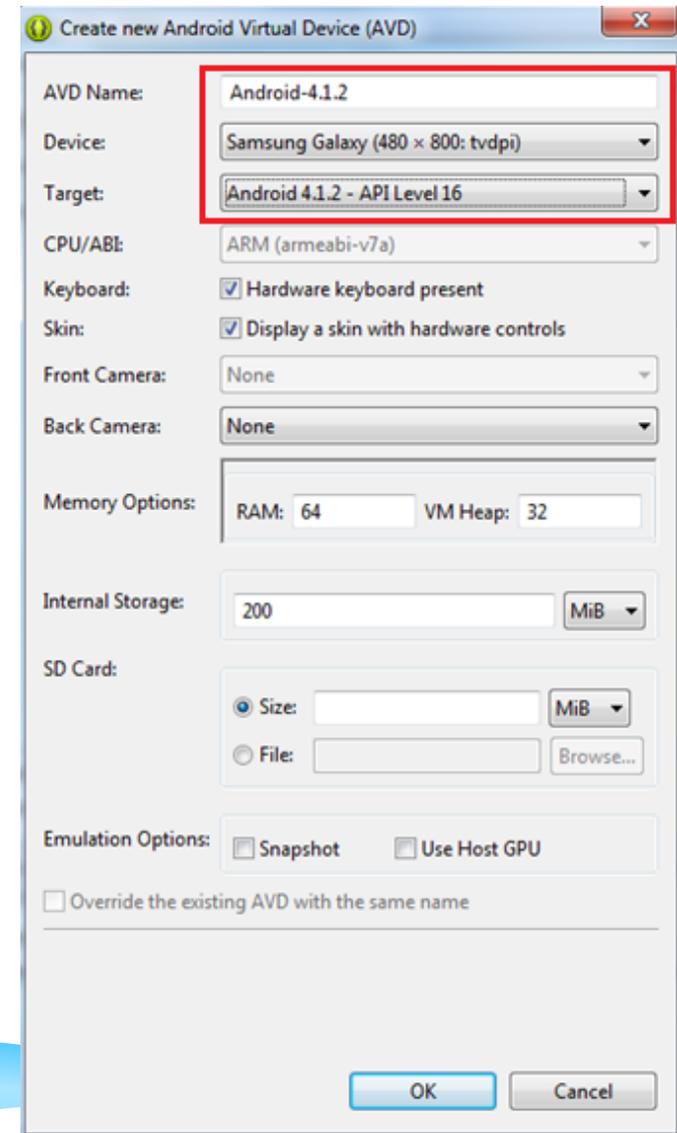
- Pilih Android Virtual Device Manager
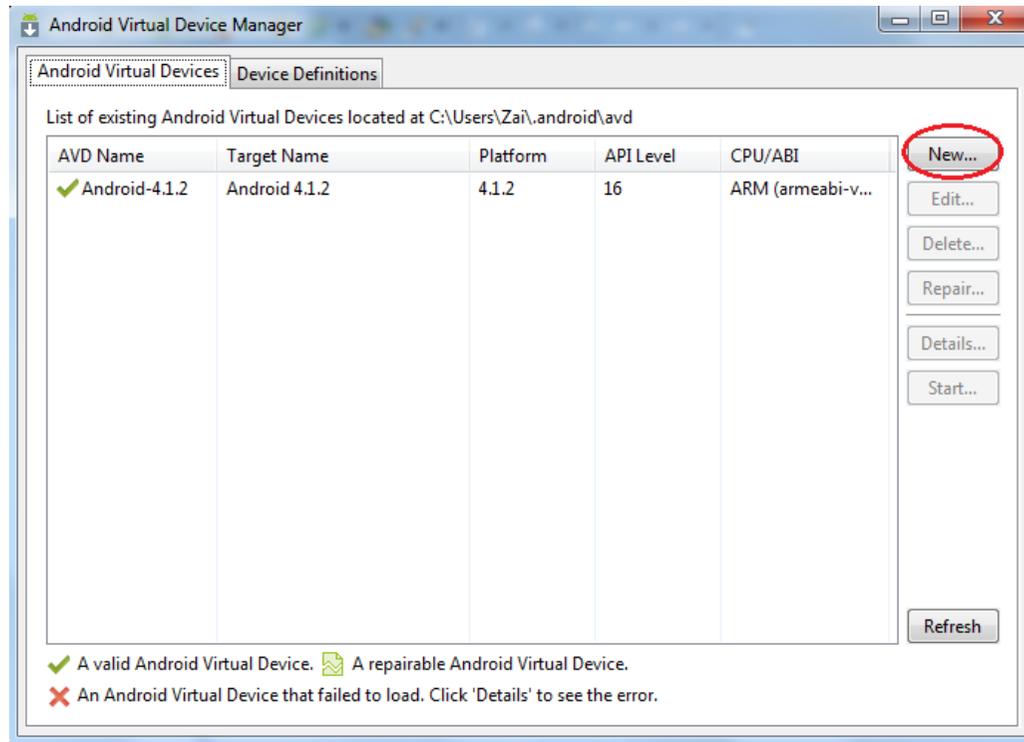

- Pilih New

MEMBUAT AVD (DEVICE DEFINITIONS)

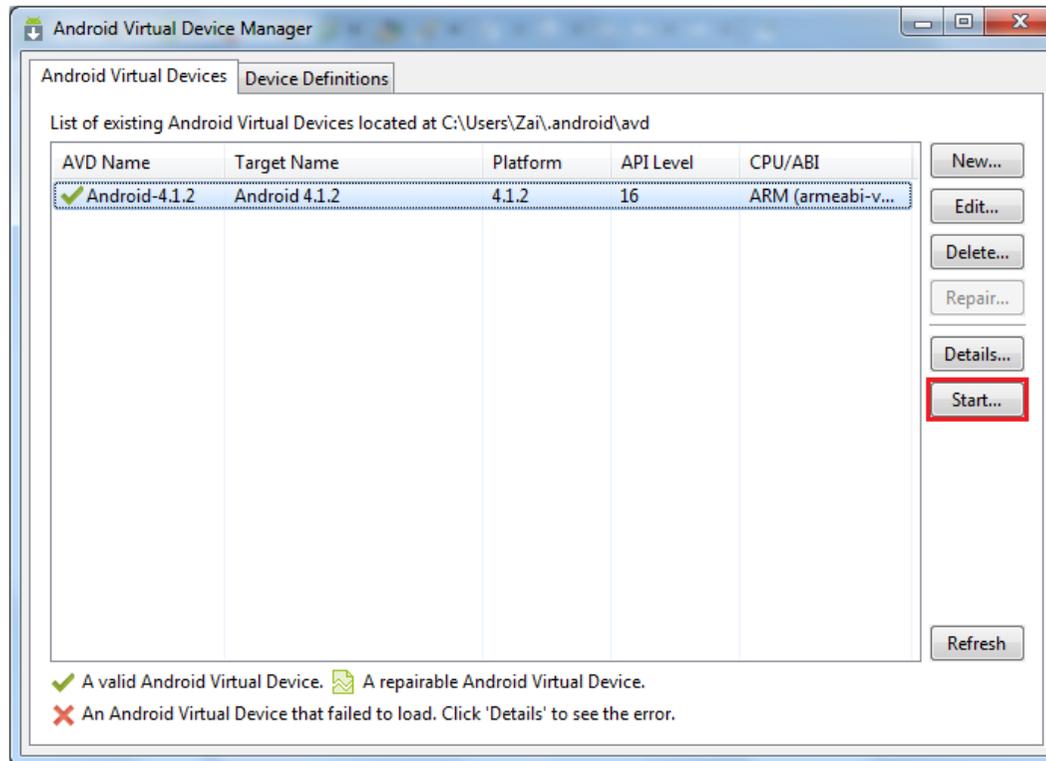- Buat device baru → Device definitions → New Device
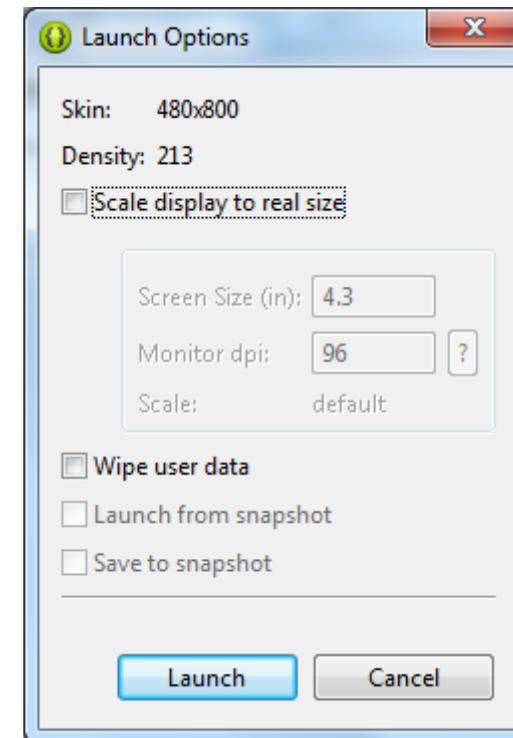
MEMBUAT AVD

- Pilih Android Virtual Device → New

RUNNING AVD

▪ Pilih AVD → Start

▪ Tekan Launch

RUNNING AVD