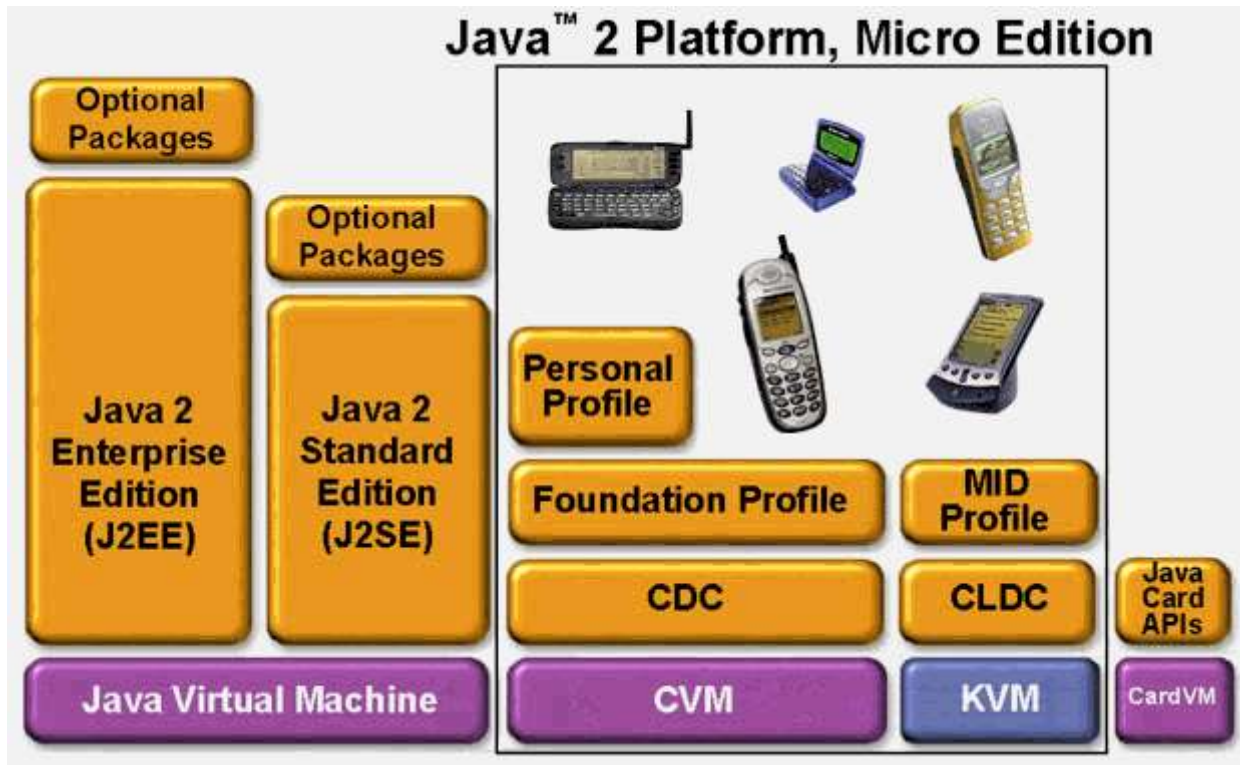# Understanding the Different Java Platforms

- Sun has three different Java platforms:
  - Enterprise (Java EE) (for commercial purposes, includes extra internet technologies)
  - Standard (Java SE) (for personl use)
  - Micro (Java ME) (PDAs, cellphones, set-top boxes)
  - Java Card (smart cards)
- Further, the Sun software is distributed in two versions:
  - JRE (Java Runtime Envirnoment)
    - This includes only what is needed to run Java programs (it does not include tools for development such as the Java compiler)
  - JDK (Java Development Kit)
    - Includes the JRE as well as additional tools for developing Java programs.
    - The JDK is a much larger download than the JRE.
- For the purposes of this class, we will be using the Standard Edition, and youll need the JDK since well be doing software development. If the computer you are using does not have the Java software already, you can download it:

    http://java.sun.com/javase/downloads/index.jsp

Notes:

- This page was leveraged from Dr. Nels Vander Zanden's coourse material.

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