HOW COMPUTER MEMORY WORKS

Video

Plug-ins

- **A plugin is a** piece of software that acts as an add-on to a web browser

Flash Player Plug in (Deprecated)

Download page for Macromedia Flash

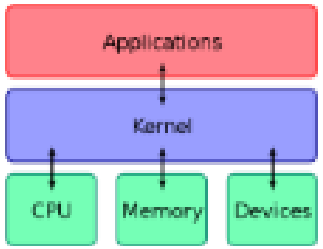
Computer Ram

- **RAM** gives applications a place to store and access data on a short-term basis.

Kernel

Kernel

Operating System



The kernel is a computer program at the core of a computer's operating system and has complete control over everything in the system. It is the "portion of the operating system code that is always resident in memory", and facilitates interactions between hardware and software components. **Wikipedia**

Graphics Server

- GPU computing is the use of a GPU (**graphics** processing unit) as a **co-processor** to accelerate CPUs

Memory & Swap file Activity

- **Swap File** A **swap file is** a **file** that contains data retrieved from RAM.
- Transferring data from RAM to a secondary **storage device** in the form of a **swap file.**
- Frees up memory for other programs.
- **Swap files** are a type of virtual memory.

Checking Memory Usage (Task Manager ctl-alt-del)