

Changing Nature of Software

System software- System software is a collection of programs written to service other programs. System software: such as compilers, editors, file management utilities.

- **Application software:** stand-alone programs for specific needs. This software are used to controls business needs. Ex: Transaction processing.
- **Artificial intelligence software-** Artificial intelligence (AI) software makes use of nonnumeric algorithms to solve complex problems.

Application within this area include robotics, pattern recognition, game playing.

- **Engineering and scientific software-**Engineering and scientific software have been characterized by "number crunching" algorithm.
- **Embedded software** resides within a product or system. (key pad control of a microwave oven, digital function of dashboard display in a car)
- **Product-line software** focus on a limited marketplace to address mass consumer market. (word processing, graphics, database management)
- **Web Apps** (Web applications) network centric software. As web 2.0 emerges, more sophisticated computing environments is supported integrated with remote database and business applications.