Achitectures

- Architecture: attributes visible to the programme
  - Instruction set, number of bits used for data representation, I/O mechanisms, addressing techniques.
  - Ex.: Is there a multiply instruction?

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- Organization: how features are implemented.
  Such details may be hidden from programmer.
  - Control signals, interfaces, memory technology, number of cores.
  - Ex.: Is there a hardware multiply unit or is it done by repeated addition?

Intel X86 Avolateeluve:

Book 3 (1.4)



