## Methodology

- Open design and abstraction
  - The way we build things should not be kept secret
- Lavering
  - Defense in depth
    - Organize software in layers so that modules at a given layer interact only with modules in the layers immediately above and below it
- Modularity
  - Design and implement the software as a collection of co operating components (module): each module interface is an abstraction
  - You can change a single module without modifying the whole system
- Complete linkage
  - Tie software security design and implementation to the security specification for that software
  - Security should not be an after thought
- Design for iteration (Continual Improvement)
- Plan the design in such a way that it can be charged.
  One of the several models.
- Security focal points
- CIA (Confidentiality, Integrity, Availability)