Goals and Principles

Goals of Software Engineering

- Modifiability
- Efficiency
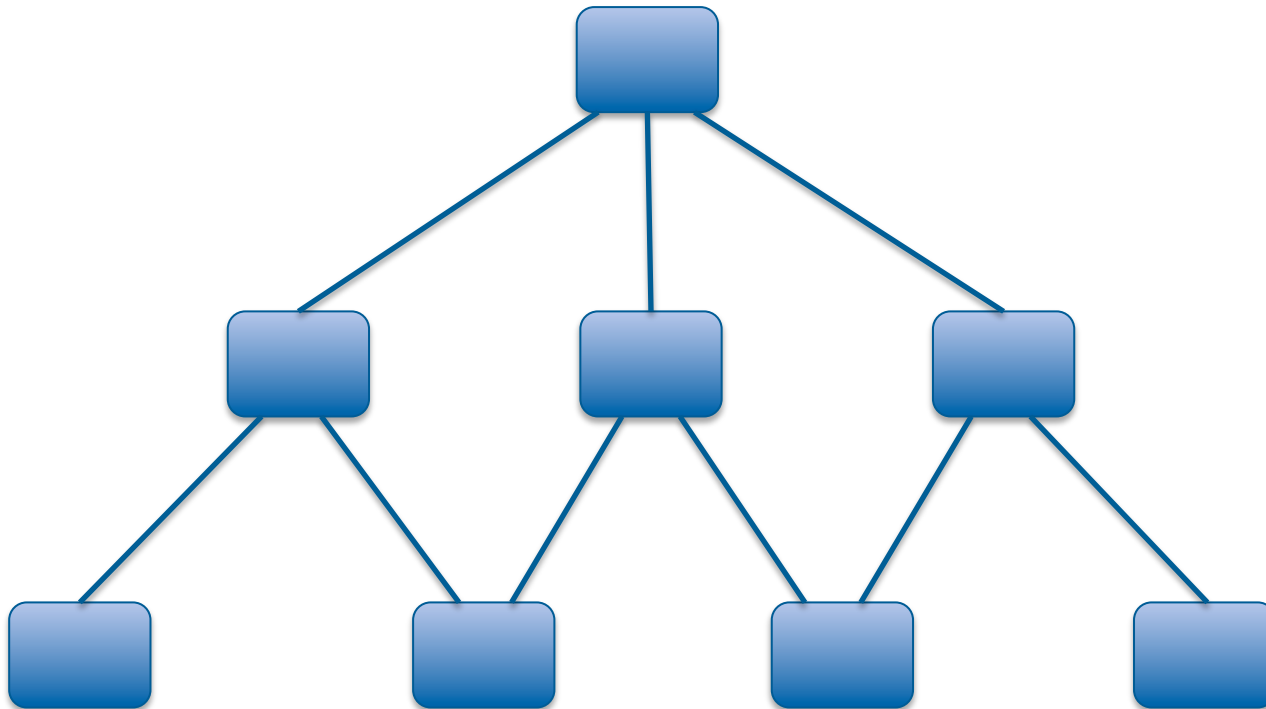- Reliability
- Usability

Software Engineering Principles

- Modularity

- Abstraction

- Encapsulation
  - High cohesion
  - Low coupling

- 4 C's: Correct, Complete, Consistent, Confirmable
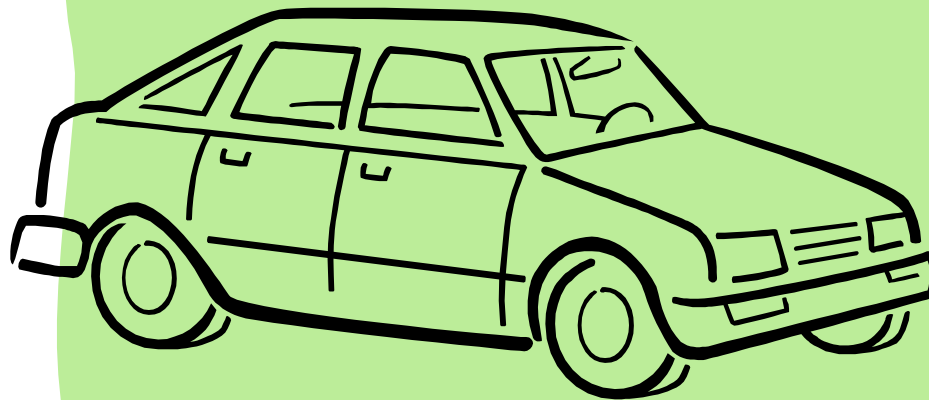
Modularity

Encapsulation

- High Cohesion
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Abstraction

The 4 C's

- Complete
- Correct
- Consistent
- Confirmable

Next

- Is Software Engineering a Profession?