

Summer Term 2018

Software Engineering Design & Construction

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Class Design Principles

Class Design Principles

- ... state desired properties of class designs.
- ... are heuristics.
- ... help making a class design usable for client classes.

The S.O.L.I.D. Principles

- **S**ingle Responsibility Principle (**SRP**)
- **O**pen-closed Principle (**OCP**)
- **L**iskov Substitution Principle (**LSP**)
- **I**nterface Segregation Principle (**ISP**)
- **D**ependency Inversion Principle (**DIP**)

Class Design Principles
aim for code we can
efficiently work on!