

Software Design - Session 1

Designing SOLID Softwares - Part 1/2

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Why Designing SOLID ?

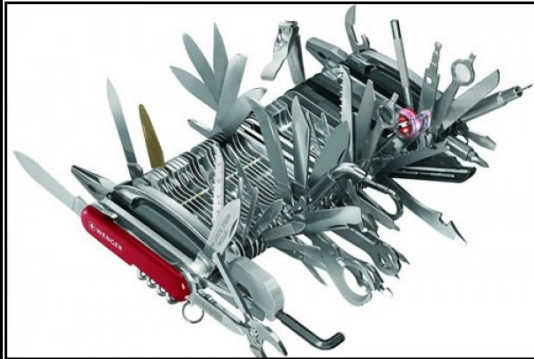


SOLID

Software Development is not a Jenga game

Additional Reference Materials

The Single Responsibility Principle



SINGLE RESPONSIBILITY PRINCIPLE

Just Because You Can, Doesn't Mean You Should

The Open/Closed Principle

Robert Martin, 19xx :

*"Software entities should be **open** for extension, but **closed** for modification ; that is, such an entity can allow its behavior to be modified without altering its source code."*

In More Details :

- **Open For Extension** : It is possible to extend the behavior of the module as the requirements of the application change.
- **Closed For Modification** : Extending the behavior of the module does not result in the changing of the source code or binary code of the module itself.

The Open/Closed Principle



OPEN CLOSED PRINCIPLE

Open Chest Surgery Is Not Needed When Putting On A Coat

