Some of you may arque this, but I found that Composition is the lot more flexible than Inheritance.

6. Favor Composition over Inheritance

It's important not to abuse it, duplication is not for code, but for

If a class has more functionality than subclass might not support some of the functionality and does violate LSP.

7. Liskov Substitution Principle (LSP)

I. DRY (Don't repeat yourself) functionalitu.

In order to compare two objects for equality, we ask the class itself to do comparison instead of Client class doing that check.

Another benefit of this design

principle in Java is, the interface

has the disadvantage of

implementing all method before any

class can use it so having single

functionality means less method to

implement.

10. Delegation Principles

Oriented and

TOP 10 Object-

SOLID Desing

Principles for Programmer

4. Single Responsibility Principle (SRP)

5. Dependency Injection or

Inversion Principle

3. Open Closed Design

Principle

2. Encapsulate What Changes

It's easy to test and maintain proper encapsulated code.

The key benefit of this design principle is that already tried and tested code is not touched which means they won't break.

The key benefit of this principle is that it reduces coupling between the individual component of the software and Code.

The beauty of this design principle is that any class which is injected by DI framework is easy to test with the mock object and easier to maintain because object creation code is centralized in the framework and client code is not littered with that.

8. Interface Segregation Principle (ISP)

A programmer should always program for the interface and not for implementation; this will lead to flexible code, which can work with any new implementation of the interface.

9. Programming for Interface not implementation



Dr. Kleinhirn.eu

Source: 10 Coding Principles Every Programmer Should Learn - D'Zone Java

