

video 04 Interface Segregation

- * Split interfaces that are very large into smaller and more specific ones, so that client only have to know about the method that are of interest to them.

* CLASS

interface ال فيستعمل

- * مثل لازم كل method في interface على حسب ال software .

* خذنا مثال ال Animals و فوقه method ال fly
من كل الحيوانات بتطير ف بنعمل flyable interface
ونخط فيها ال method الزيادة ونخلي ال interface
ده يطبق ال Animals .

video 05 Dependency Inversion

- * High-level modules should not depend on low-level modules, Both should depend on abstract

- * Abstraction should not depend on Details, concrete implementations (classes) should depend on abstractions

الأمثلة

SOLID

التاريخ: / /

موضوع الدرس:

Video 01

Single responsibility

* Class should only have one responsibility.
it should have only one reason to change

* Pros

1- testing 2- lower coupling 3- easier to understand

modules
or

Open-closed
video 02

* classes should be open for extension, but closed for modification

abstract and Polymorphism يطبق

Liskov Substitution
video 03

abstract class
نظام فيه الـ abstract class
override كان بـ
Polymorphism
if s is subtype of T then
objects of type T in Program
maybe replaced with objects
of type s without altering any
of the desirable properties
of that Program.

من الأمثلة الربيع والشتاء
area method
over
hide

الأمير