

→ The big picture on encapsulated behaviours:

15- A

HAS-A

IMPLEMENTS

, allows to charge behaviour at run-time.

DP: Famor composition our inheritance.

- Instead of inherting, ducks get behaviour by being 'composed' with right behaviour object.

## STRATERGY STRATERGY STRATERGY

- · Define a family of algorithms, encapsulates each one and make them into chargble.
- · Lets algorithm vary independently from clients that
- \* Abstract class Animal with two concerte implementations Dog and 124

Programing to

- Dog of = new Dog(); 1) An implementation dobark ();
- Animal animal = new Dog(); 2) An interface do animal. make Sound(); Escapson to an interpres not an

a= getAnimal(); a. make Sound ().

+ composition allows us to encapsulate a family of algosithms into this own set of class, as mull as change behaviour at suntine

A shard vocabulary pattiens are powerful.