Let's learn Iterator && Visitor Pattern

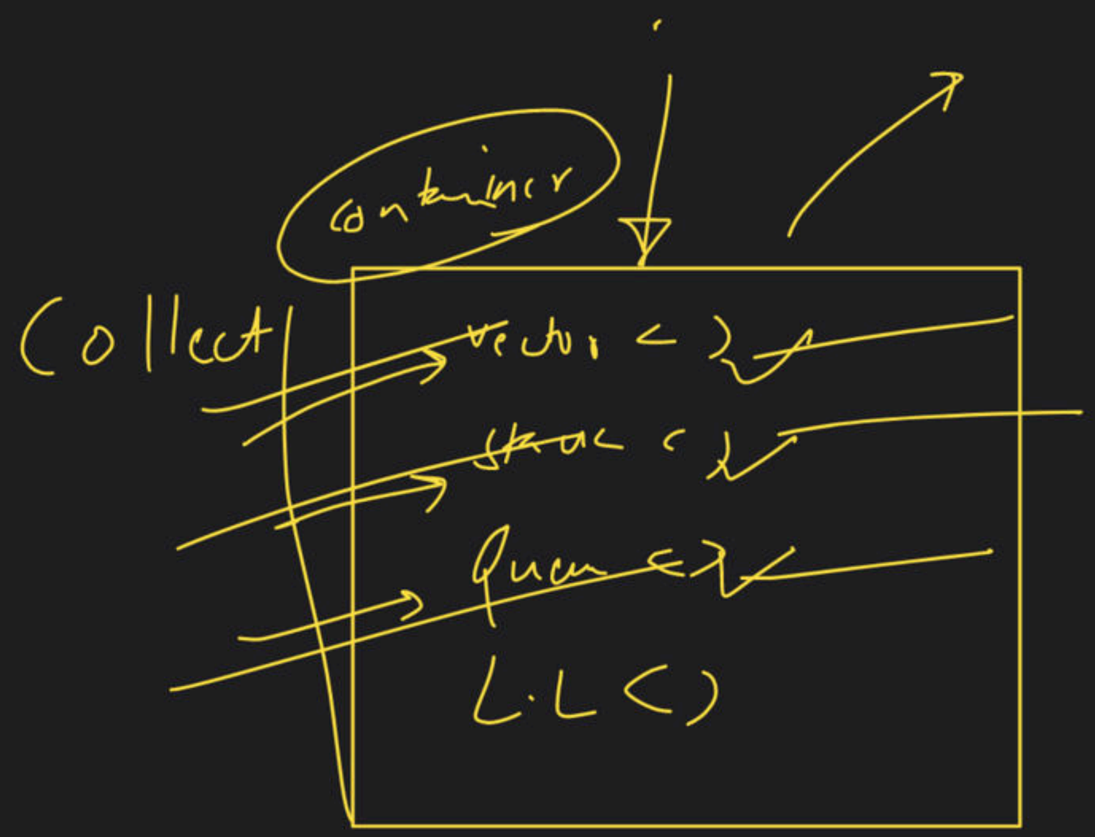
Special class

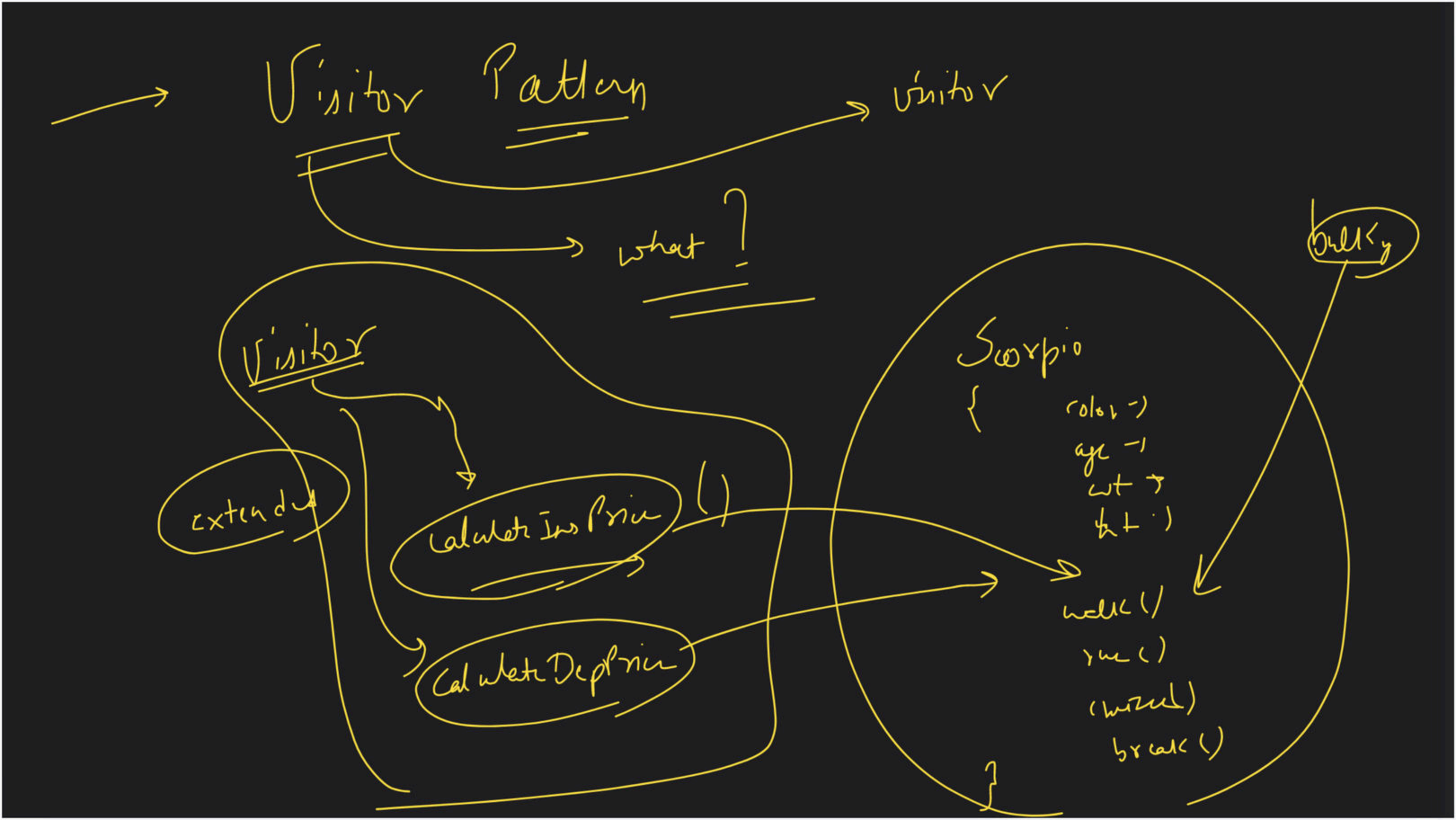
Love Babbar • Apr 18, 2024

Iterator pattern:-

perform repeatedly

Standard way to iterate over the Collection w/o showing the underlying implem





Visitor Pattern

visitor

what ?

Visitor

extended

Calculate Ins Price ()

Calculate Dep Price

Scorpio

{

color ->

age ->

wt ->

ht ->

walk ()

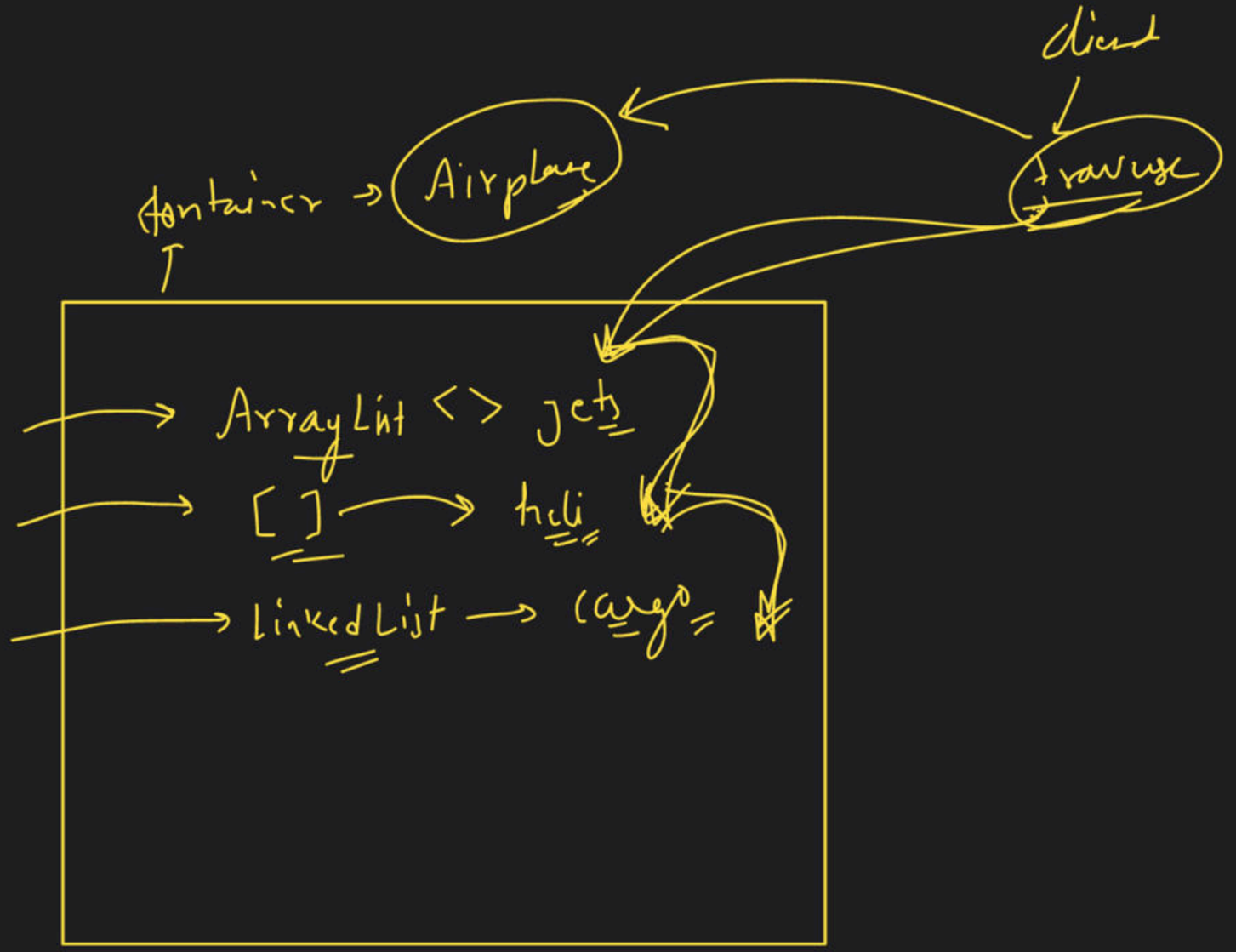
run ()

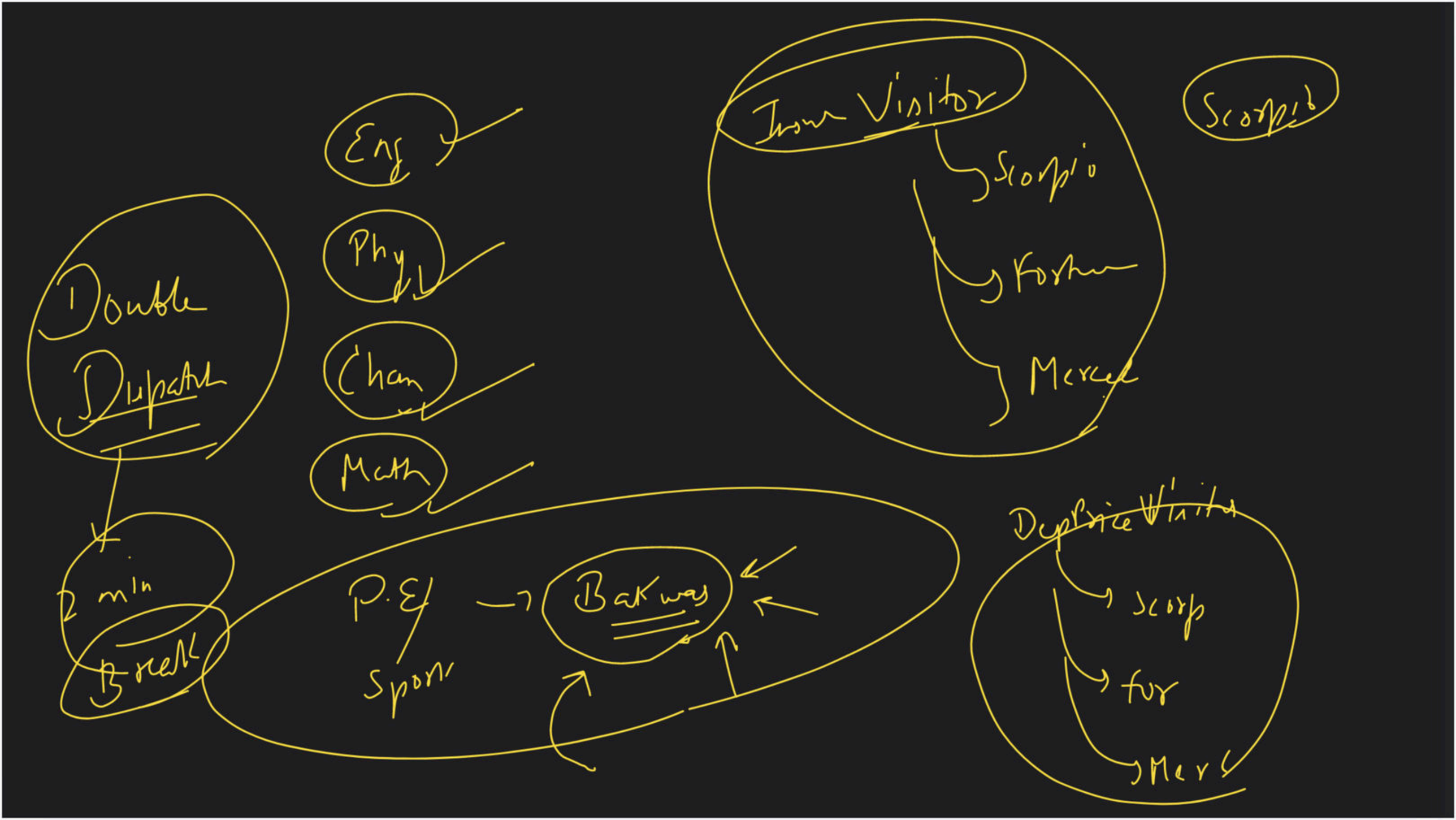
(mixed)

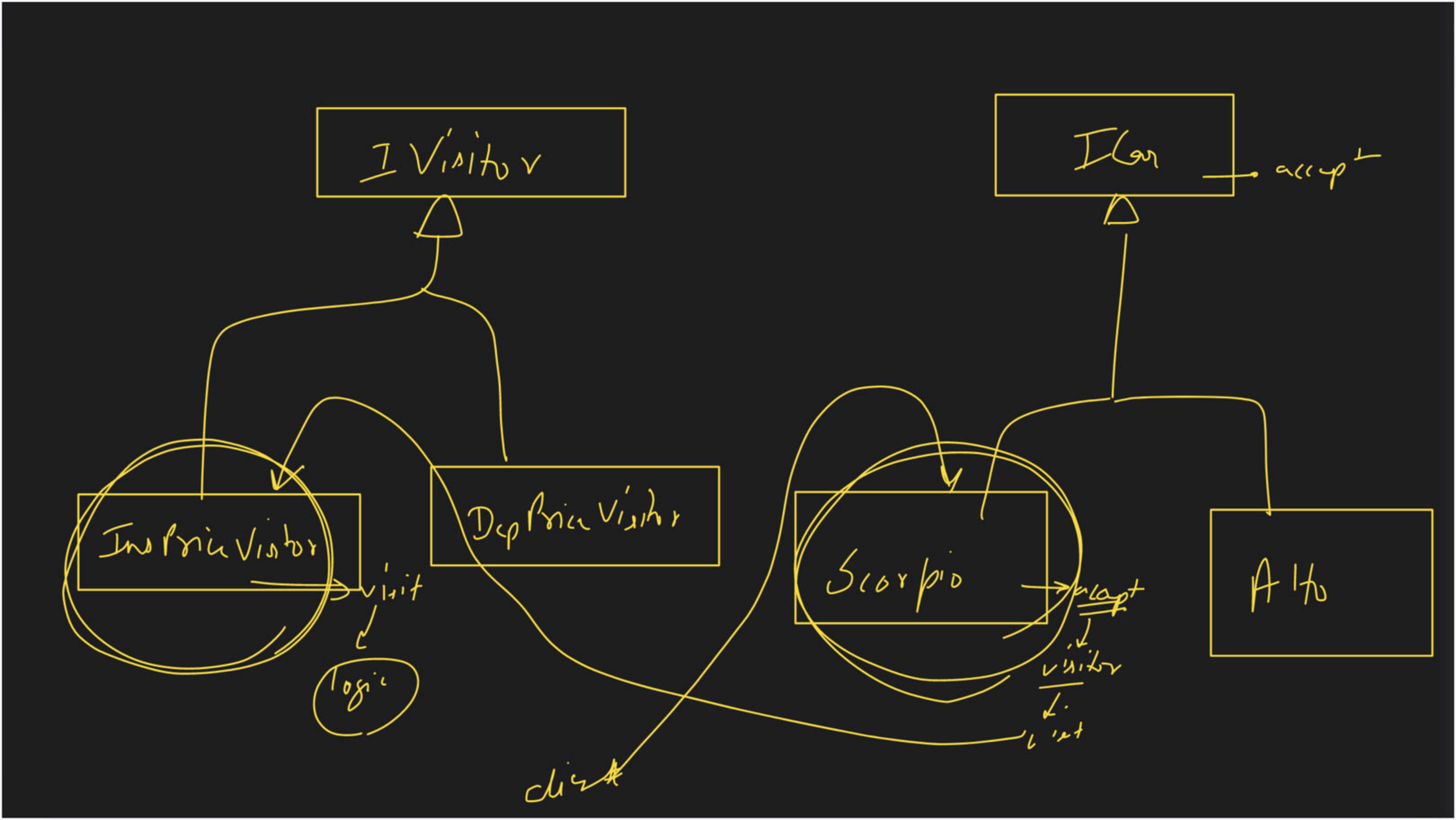
break ()

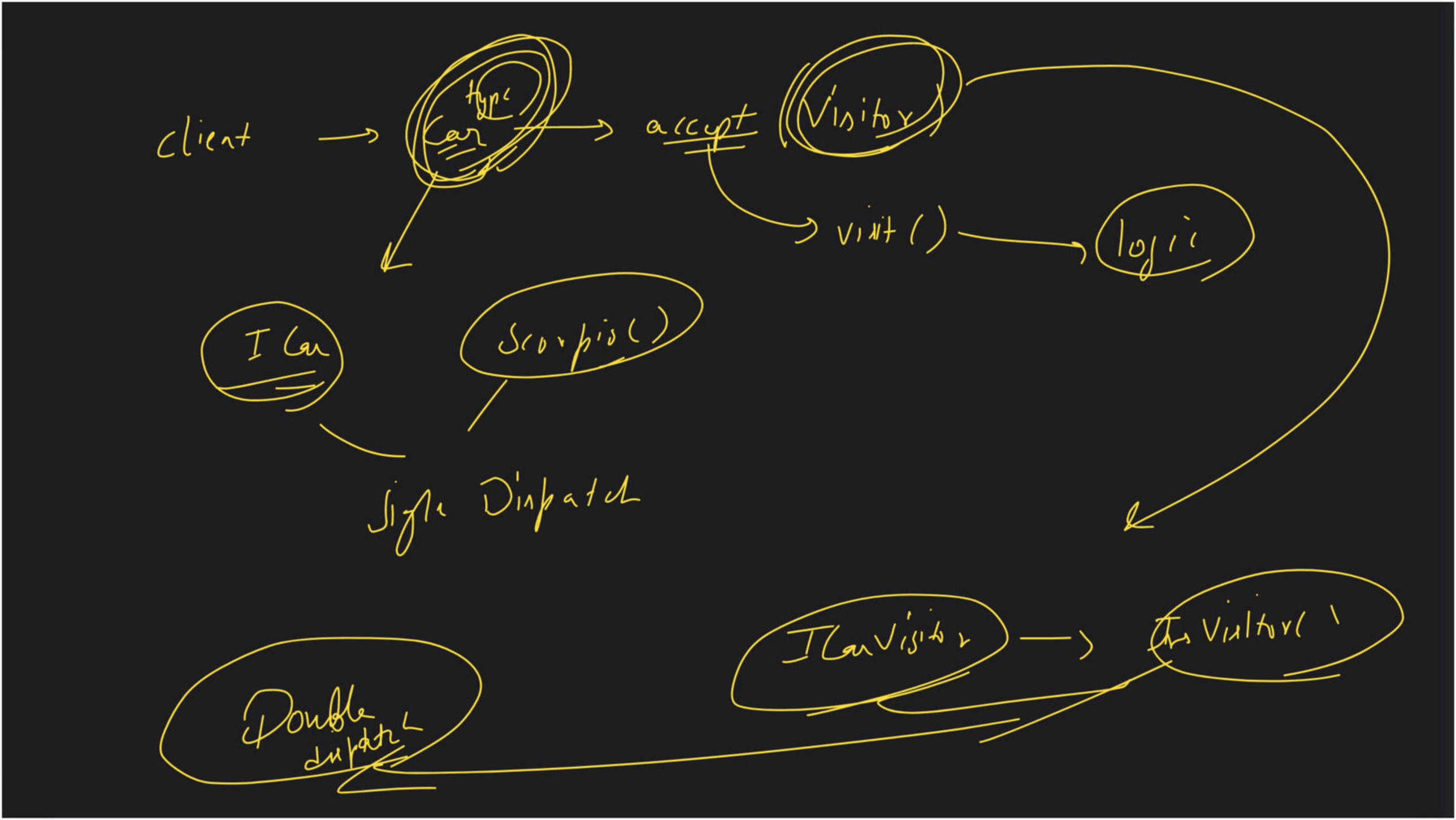
}

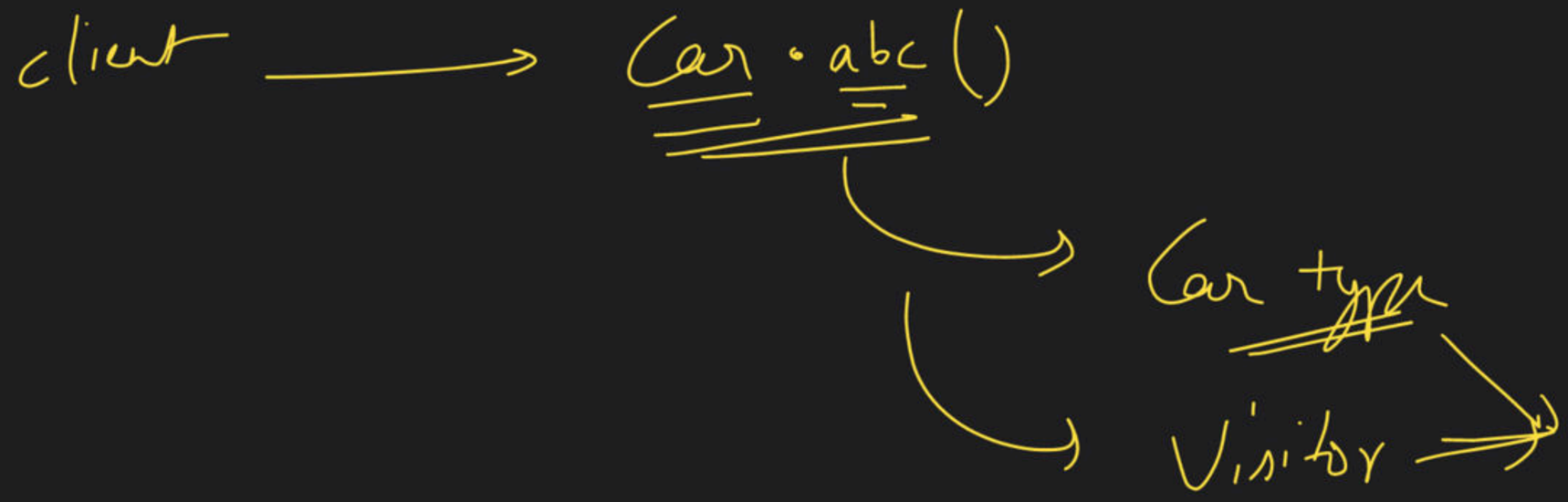
bulky

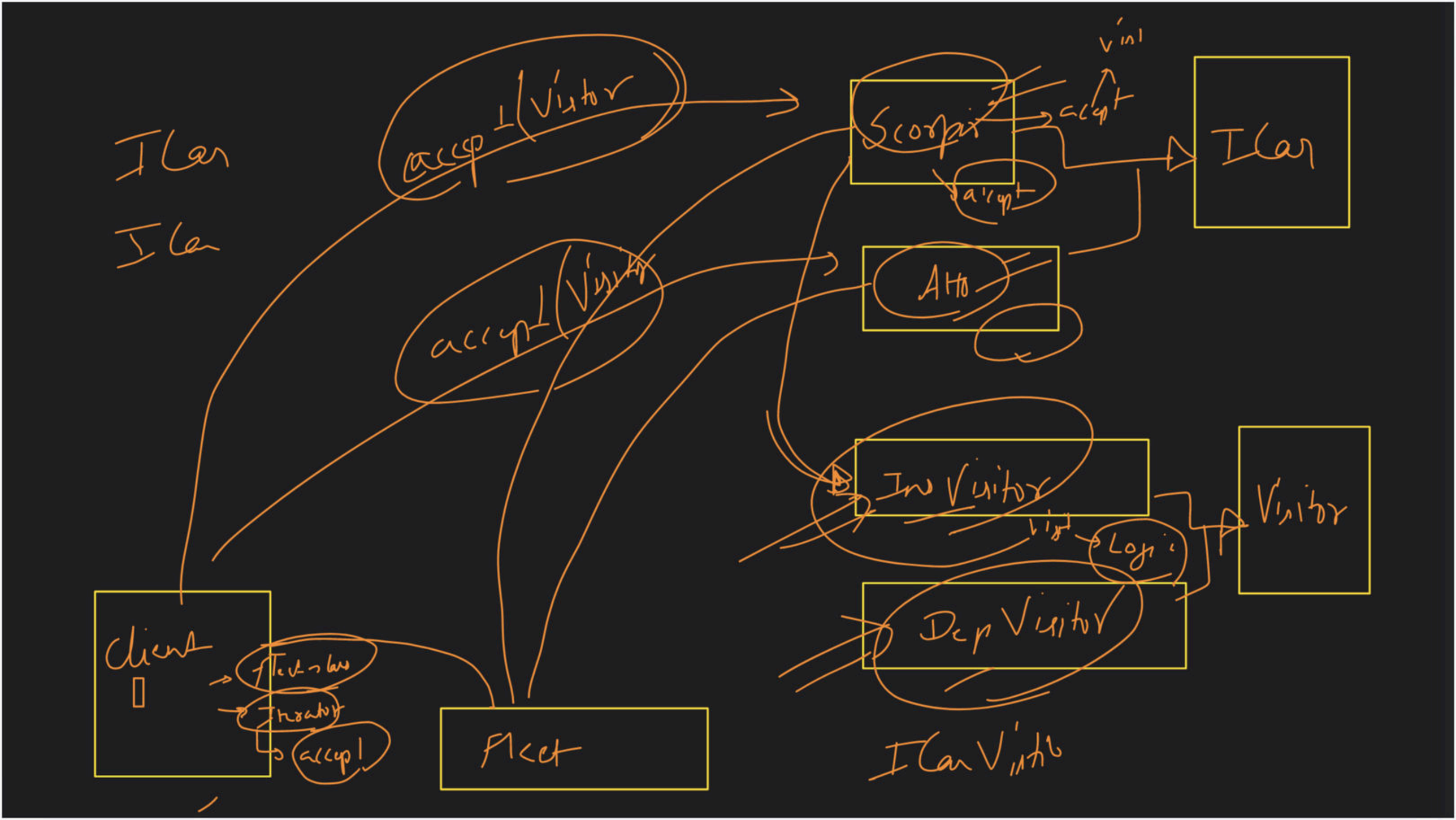

client
Airplane
container
traverse
ArrayList <> jets
[ ]
heli
LinkedList
cargo


Eng
Phy
Chem
Math
Double Dispatch
Inner Visitor
Scorpio
Fortuner
Mercedes
Scorpio
2 min
Break
P.E
Sport
Backway
Duplicate Visitor
Scorp
fur
Merc


IVisitor
ICar
accept
InsPolicyVisitor
DepPolicyVisitor
visit
Logic
Scorpio
accept
visitor
visit
Alto
client


client
Car
type
accept
Visitor
visit()
logic
ICar
Scorpio()
Single Dispatch
ICarVisitor
ThisVisitor()
Double dispatch


client
car.abc()
car type
Visitor



ICar
ICar
accept(Visitor
accept(Visitor
Scorpio
accept
visit
ICar
Alto
Ins Visitor
Visitor
Logic
Dep Visitor
ICar Visitor
Client
Fleet
Iterator
accept
Fleet