

# # Inheritance

=> Deriving properties and methods from existing class.

- # Reusability
- # Reduce Redundancy
- # Readable
- # Easy to Understand

Animal

→ name ✓  
→ walk() ✓  
→ swim() ✓  
→ eat() ✓

Dog

bark()  
show-paws()

Truck

Trolley  
Loading  
space

Car

Motor  
cycle

AC  
Power window

Vehicle

Engine  
→ accelerate()  
→ gear-up()  
→ brake()  
→ model  
→ brand



Animal ← Parent



Dog

← Child