

用类图表达类的职责

刘 钦

南京大学软件学院

类的职责

- 在一起
 - 数据职责
 - 行为职责

类的定义

```
• public class Bicycle {  
•  
•     private int cadence;  
•     private int gear;  
•     private int speed;  
•  
•     public Bicycle(int startCadence, int startSpeed, int startGear) { //构造方法  
•         gear = startGear;  
•         cadence = startCadence;  
•         speed = startSpeed;  
•     }  
•  
•     private int getSpeed() {  
•         return speed;  
•     }  
•  
•     public void applyBrake(int decrement) {  
•         speed -= decrement;  
•     }  
•  
•     public void speedUp(int increment) {  
•         speed += increment;  
•     }  
• }
```

