



```

1 package Adapter_pattern_1;
2
3 public abstract class Robot {
4     public abstract void cry();
5     public abstract void run();
6 }
  
```

```

1 package Adapter_pattern_1;
2
3 public class Dog {
4     public void run() {
5         System.out.println("狗在跑");
6     }
7 }
8
  
```

```

1 package Adapter_pattern_1;
2
3 public class Bird {
4     public void birdCry() {
5         System.out.println("鸟在叫");
6     }
7 }
8
  
```

```
1 package Adapter_pattern_1;
2
3 public class AdapterDogBird extends Robot {
4     Bird bird;
5
6     public void setBird(Bird bird) {
7         this.bird = bird;
8     }
9
10    public void setDog(Dog dog) {
11        this.dog = dog;
12    }
13
14    Dog dog;
15
16    @Override
17    public void cry() {
18        // TODO 自动生成的方法存根
19        this.bird.birdCry();
20    }
21
22    @Override
23    public void run() {
24        // TODO 自动生成的方法存根
25        this.dog.run();
26    }
27
28 }
29
```

```
1 package Adapter_pattern_1;
2
3 public class Client {
4     Robot robot;
5     public void setRobot(Robot robot) {
6         this.robot = robot;
7     }
8     public void active() {
9         this.robot.cry();
10        this.robot.run();
11    }
12 }
13
```

```
package Adapter_pattern_1;

public class test {

    public static void main(String[] args) {
        // TODO 自动生成的方法存根
        Dog dog = new Dog();
        Bird bird = new Bird();
        AdapterDogBird robot = new AdapterDogBird();
        robot.setBird(bird);
        robot.setDog(dog);
        Client client = new Client();
        client.setRobot(robot);
        client.active();
    }
}
```

控制台

<已终止> test (3) [Java 应用程序] C:\Program Files\Java\jdk-11.0.2\bin\javaw.exe (2019年10月14日 下午1:40:53)

鸟在叫
狗在跑