#### Spring Boot

##### 之面向切面编程（AOP）-失败重试

问题描述

Spring Boot 2.2.5

JDK 8

面向切面编程（AOP）特性是Spring框架的一大“脑洞”。AOP的设计理念超出了传统的面向过程、面向对象程序设计方法遵循的代码执行流程。正因如此，AOP可以在一些应用场景下显示出“奇效”

依赖于技术笔记《面向切面编程（AOP）》

解决

LogExecutor.java

@Aspect  
@Component  
public class LogExecutor {  
  
 private int maxRetries = 5;  
  
 @Around("execution(public void com.bunny.aop.worker.Pot.feedAnimal()) || execution(public void com.bunny.aop.worker.Pot.petAnimal())")  
 public Object log(ProceedingJoinPoint proceedingJoinPoint) throws Throwable {  
 int numAttempts = 0;  
 Exception exception;  
 do {  
 numAttempts++;  
 System.*out*.println("trying " + numAttempts + " times");  
 try {  
 return proceedingJoinPoint.proceed();  
 }  
 catch(Exception ex) {  
 exception = ex;  
 }  
 } while(numAttempts <= this.maxRetries);  
 throw exception;  
 }  
}

笔记

1. 示例改编自Spring官方文档
2. 在@Around注解中使用“||”可以将一个Advice连接至多个Pin Point
3. 适用于并发场景

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