



链滴

golang 协程交替执行, 使其能顺序输出 1-2 0 的自然数

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原文链接: <https://ld246.com/article/1525258430902>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

```
package main
```

```
import (  
    "fmt"  
    "sync"  
    "time"  
)
```

```
func main() {  
    wg := &sync.WaitGroup{}  
    ch1 := make(chan int)  
    ch2 := make(chan int)  
  
    wg.Add(2)  
    go say(wg, ch2, ch1)  
    go say1(wg, ch1, ch2)  
    wg.Wait()  
    time.Sleep(1 * time.Second)  
}
```

```
func say(wg *sync.WaitGroup, ch2 chan int, ch1 chan int) {  
    defer wg.Done()  
    for i := 1; i <= 10; i++ {  
        ch2 <- 2*i - 1  
        fmt.Println(<-ch1)  
    }  
}
```

```
func say1(wg *sync.WaitGroup, ch1 chan int, ch2 chan int) {  
    defer wg.Done()  
    for i := 1; i <= 10; i++ {  
        fmt.Println(<-ch2)  
        ch1 <- 2 * i  
    }  
}
```