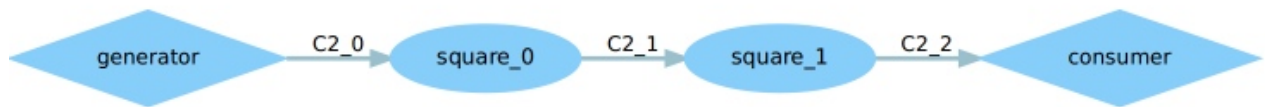# DOL实例分析&编程

李泽帆 14M2 14353157

任务

修改example2，让3个square模块变成2个

修改xml：

将迭代次数降低为2就行了

```
<variable value="2" name="N"/>
```

```
    [echo] Run HdS application.
  [concat] consumer: 0.000000
  [concat] consumer: 1.000000
  [concat] consumer: 16.000000
  [concat] consumer: 81.000000
  [concat] consumer: 256.000000
  [concat] consumer: 625.000000
  [concat] consumer: 1296.000000
  [concat] consumer: 2401.000000
  [concat] consumer: 4096.000000
  [concat] consumer: 6561.000000
  [concat] consumer: 10000.000000
  [concat] consumer: 14641.000000
  [concat] consumer: 20736.000000
  [concat] consumer: 28561.000000
  [concat] consumer: 38416.000000
  [concat] consumer: 50625.000000
  [concat] consumer: 65536.000000
  [concat] consumer: 83521.000000
  [concat] consumer: 104976.000000
  [concat] consumer: 130321.000000

BUILD SUCCESSFUL
Total time: 7 seconds
```

修改example1，使其输出3次方数

修改square.c：
只需要将原本的i = i*i改成立方的

```
i = i*i*i;
```

```
    [echo] Run has application:
  [concat] consumer: 0.000000
  [concat] consumer: 1.000000
  [concat] consumer: 8.000000
  [concat] consumer: 27.000000
  [concat] consumer: 64.000000
  [concat] consumer: 125.000000
  [concat] consumer: 216.000000
  [concat] consumer: 343.000000
  [concat] consumer: 512.000000
  [concat] consumer: 729.000000
  [concat] consumer: 1000.000000
  [concat] consumer: 1331.000000
  [concat] consumer: 1728.000000
  [concat] consumer: 2197.000000
  [concat] consumer: 2744.000000
  [concat] consumer: 3375.000000
  [concat] consumer: 4096.000000
  [concat] consumer: 4913.000000
  [concat] consumer: 5832.000000
  [concat] consumer: 6859.000000

BUILD SUCCESSFUL
Total time: 7 seconds
```

实验感想

这次实验主要在于熟悉DOL的编程规范，理解分布式系统是如何运行的，可以从.dot文件清楚的看清整个结构。