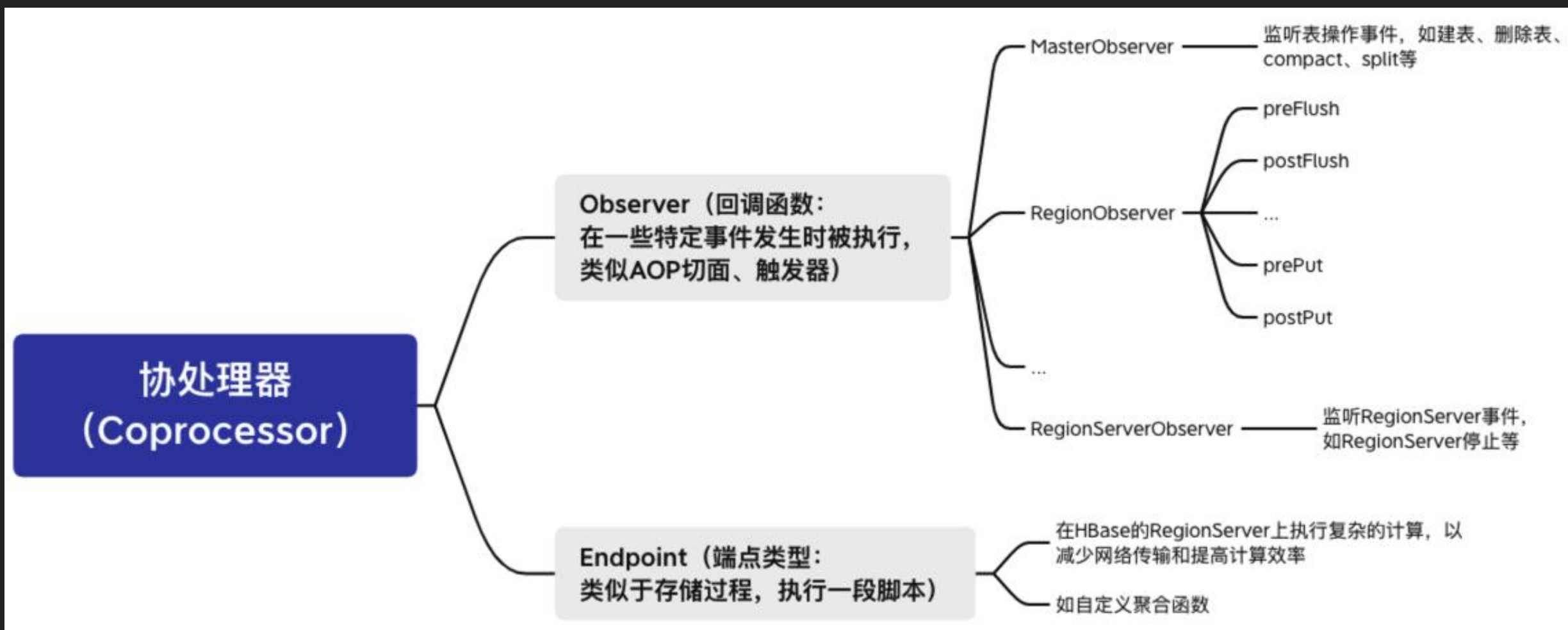


内容大纲

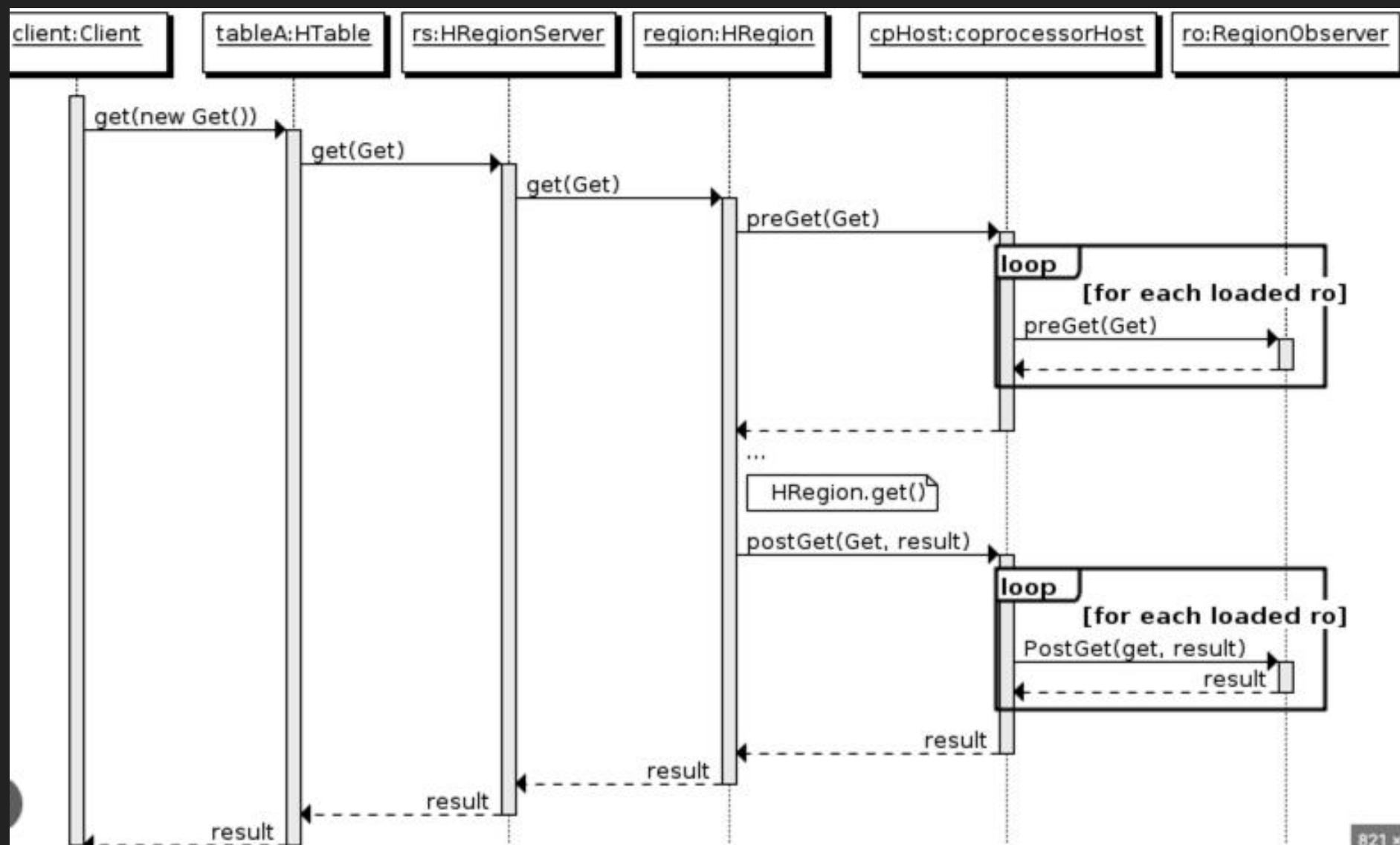
- ▶ 协处理器分类
 - ▶ 观察者类型协处理器
 - ▶ 端点类型协处理器
- ▶ 协处理器加载与卸载
 - ▶ 静态加载与卸载
 - ▶ 动态加载与卸载

协处理器分类



HBase入门与实践

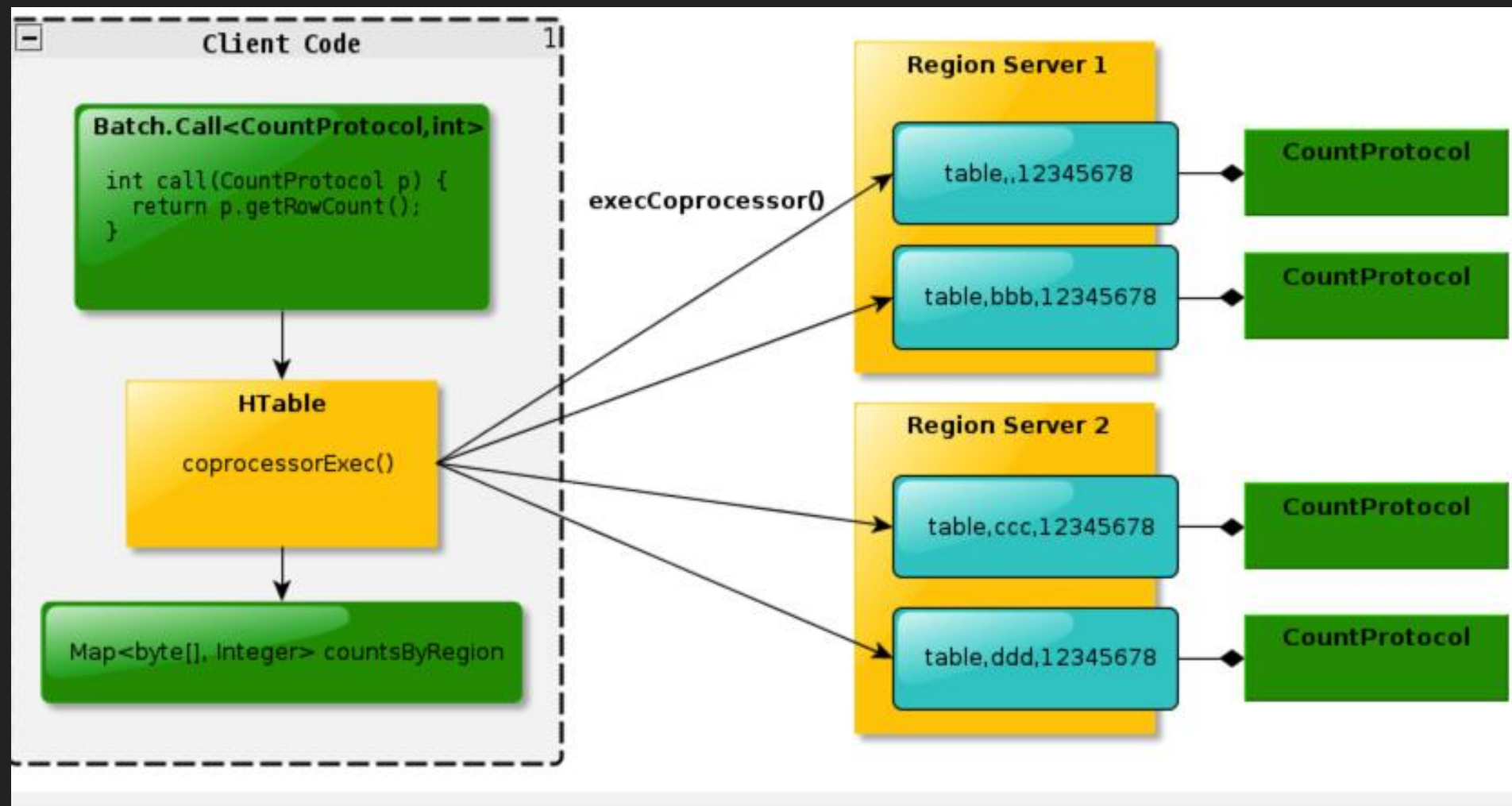
协处理器-Observer



DEMO: 关键字过滤协处理器

HBase入门与实践

协处理器-Endpoint



DEMO: 订单金额求和协处理器

HBase入门与实践

协处理器加载 - 静态加载

- 1、打包协处理器代码成jar包，上传到hdfs:

```
mvn package -DskipTests
```

```
/home/hadoop/hadoop-2.10.1/bin/hdfs dfs -mkdir /hadoop
```

```
/home/hadoop/hadoop-2.10.1/bin/hdfs dfs -put referencebook-1.0.jar  
hdfs://master1:9000/hadoop/referencebook-1.0.jar
```

- 2、修改hbase-site.xml配置项:

```
<property>
```

```
    <name>hbase.coprocessor.region.classes</name>
```

```
    <value>com.mt.hbase.chpt08.coprocessor.SumOrderEndpoint </value>
```

```
</property>
```

- 3、将referencebook-1.0.jar 包放在HBASE_HOME/lib下
- 4、重启HBase RegionServer

协处理器加载 - 动态加载 (Shell方式)

1、drop 's_behavior'

2、create 's_behavior', {NAME => 'cf'}

3、disable 's_behavior'

4、alter 's_behavior', METHOD => 'table_att',
'Coprocessor'=>'hdfs://master1:9000/hadoop/referencebook-1.0.jar|
com.mt.hbase.chpt08.coprocessor.KeyWordFilterRegionObserver| 12345|
arg1=1,arg2=2'

5、enable 's_behavior'

6、put 's_behavior','user1behavior1','cf:o','阿里巴巴this is order 1'

7、scan 's_behavior'

协处理器加载 - 动态卸载 (Shell方式)

- 1、disable 's_behavior'
- 2、alter 's_behavior', METHOD => 'table_att_unset', NAME => 'coprocessor\$1'
- 3、enable 's_behavior'