



链滴

Spark 加速器 在 Driver 获取值为 0 的原因

作者: [daxin](#)

原文链接: <https://ld246.com/article/1482494706944>

来源网站: [链滴](#)

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

因为Spark分为transform和action, action是真正触发作业执行的。

count1由于没有action触发, 所以值为0

count2由于count是action, 所以触发加速器递增, 所以值为非0

```
package com.acc
```

```
import org.apache.spark.util.LongAccumulator
```

```
import org.apache.spark.{SparkConf, SparkContext}
```

```
object Acc {
```

```
def main(args: Array[String]): Unit = {
```

```
val sc = new SparkContext(new SparkConf().setAppName("xxxx").setMaster("local[*"]))  
sc.setLogLevel("WARN")
```

```
val acc1=new LongAccumulator  
val acc2=new LongAccumulator  
sc.register(acc1)  
sc.register(acc2)  
val table1 = sc.textFile("C:\\Users\\xxx.csv")
```

```
val count1 = table1.map{
```

```
  x=>  
    acc1.add(1)  
  x  
}
```

```
val count2 = table1.map{
```

```
  x=>  
    acc2.add(1)  
  x  
}.count()
```

```
println(acc1.value)//0  
println(acc1.sum)//0  
println(acc1.count)//0
```

```
println(acc2.value)//1754884  
println(acc2.sum)//1754884  
println(acc2.count)//1754884  
sc.stop()
```

```
}
```

```
}
```