|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| property | Verification time in the original model | Verification time in the sliced model | Memory usage in the original model | Virtual memory usage in the original | Memory usage in the sliced model | Virtual memory usage in the sliced |
| 1 | 0.23sec | 0.19sec | 9,084KB | 30,662KB | 7,348KB | 21,543KB |
| 2 | 0.01sec | 0.00sec | 8,994KB | 29,572KB | 7,160KB | 19,556KB |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |

1. Scheduler.evaluate 🡪 scheduler.execute

This property shows eventually a process will execute. This process can either be the producer or the consumer.

2- E<> consumer\_consume. end

A[] (scheduler.evaluate imply (not scheduler.execute))

consumer\_consume. start --> consumer\_consume. end

A[] scheduler.update imply readyprocs==0