Real-World-Application-Distributively-Asteroids-Processor – Statistics File

start-date: 2016-10-30  
end-date: 2017-01-27  
speed-threshold: 10 km/s  
diameter-threshold: 200 m  
miss-threshold: 0.3 AU  
n: 4  
d: 2

On the following parameters, 12 workers were created.

Total running time: 5:20:26 minutes.

|  |  |  |  |
| --- | --- | --- | --- |
| how many asteroids are totally safe | how many asteroids were "Dangerous" | how many asteroids did it parse | Worker |
| 73 | 12 | 86 | 1# |
| 26 | 4 | 30 | 2# |
| 0 | 0 | 0 | 3# |
| 54 | 8 | 62 | 4# |
| 187 | 18 | 208 | 5# |
| 67 | 7 | 75 | 6# |
| 9 | 2 | 11 | 7# |
| 75 | 13 | 89 | 8# |
| 103 | 15 | 120 | 9# |
| 594 | 79 | 681 | total |

- The order of workers in the table doesn`t represent the order of their creation.

- We noticed the number of "Dangerous" asteroids is the exact number of asteroids we got in the table.

- The workers that are not in the table were the last ones to run – the other workers finished their job and the whole system were shut down before