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.

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

- 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