

A world map with a light blue background. The map shows several regions highlighted in a darker blue: Europe, North America, and a large area in East Asia and Southeast Asia. Red lines connect various points in Europe and North America to a central cluster of points in East Asia and Southeast Asia. The text 'JUNO Workload Update' is overlaid in large blue font across the top of the map.

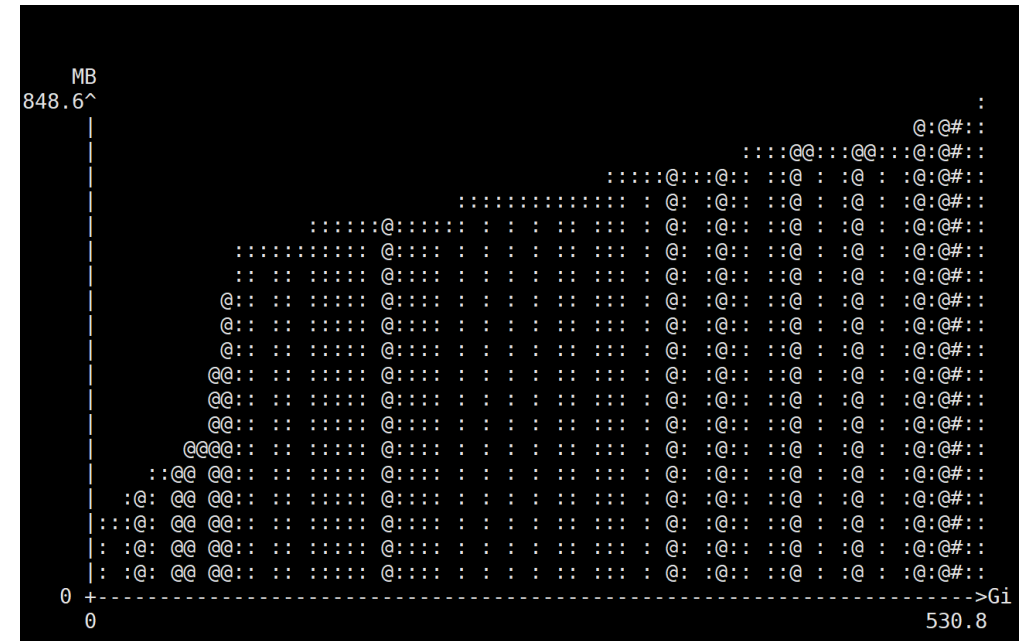
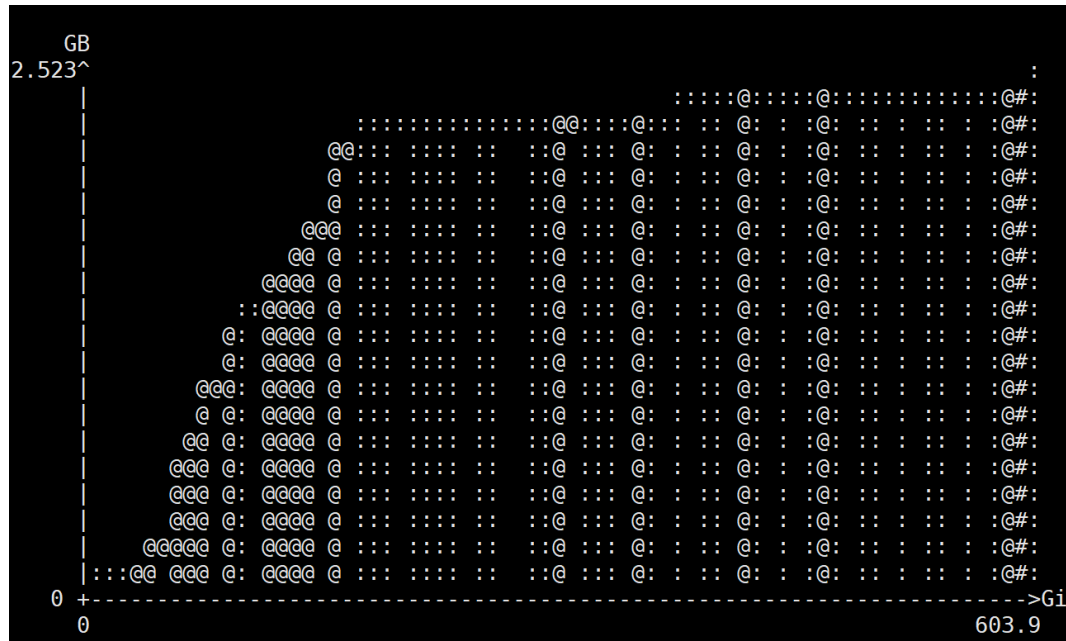
JUNO Workload Update

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2023/2/15

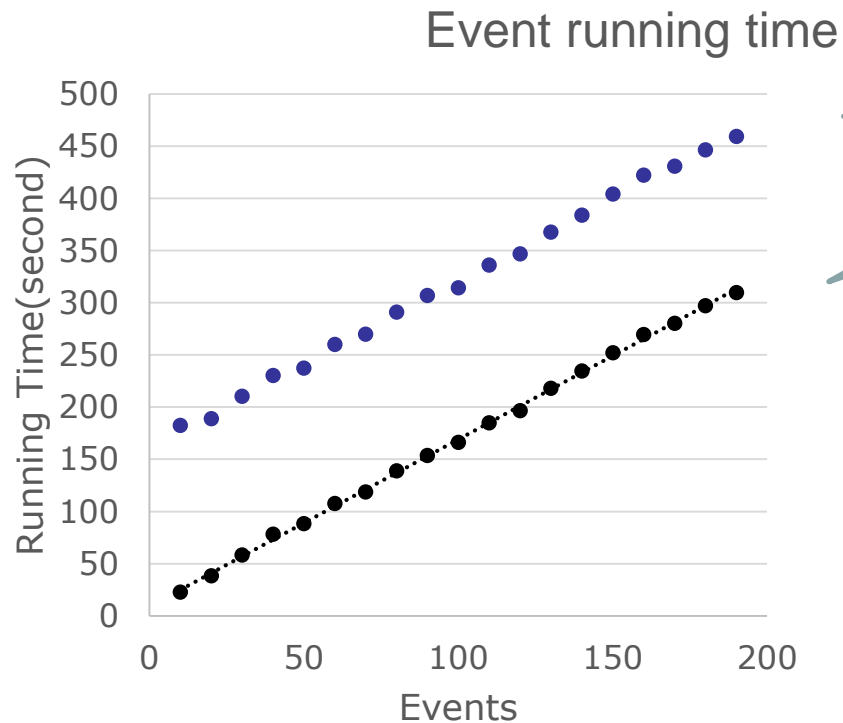
JUNO Workload Tuning

- Optimizations to JUNO workload have been done
- 1、 Memory usage is more than 2GB.
 - Use argus '--no-ion-php' to reduce input file and then reduce memory usage.
 - No impact on the simulation of events.



2. Precision of Event running time.

- Exclude the initial time and only event running time is accounted
- Only accounted event running time.
- Excluded first event running time.



Arithmetic progression

geometric progression

● With Init time

● Without Init time

Alg	TTCalibAlg	ClassificationAlg	TopSteering	Event
0.014	0.112	583.102	10826.4	
0.002	0.018	837.187	1334.73	
0.002	0.017	857.171	1324.66	
0.002	0.016	842.574	1283.69	
0.002	0.016	726.318	1173.93	
0.001	0.016	645.978	1072.57	

Alg	TTCalibAlg	ClassificationAlg	TopSteering	Event
0.014	0.114	615.271	10863.3	
0.002	0.017	828.41	1322.88	
0.002	0.017	892.651	1359.17	
0.002	0.016	832.884	1274.43	
0.001	0.015	755.78	1203.76	
0.002	0.015	635.869	1058.93	

Alg	TTCalibAlg	ClassificationAlg	TopSteering	Event
0.013	0.101	584.72	10869.7	
0.002	0.018	844.133	1339.28	
0.003	0.018	828.205	1293.61	
0.002	0.017	837.349	1275.59	
0.001	0.016	740.541	1184.47	
0.002	0.017	621.89	1046.13	

Alg	TTCalibAlg	ClassificationAlg	TopSteering	Event
0.013	0.098	585.551	10914.1	
0.001	0.016	857.907	1354.67	
0.002	0.016	951.525	1418.61	
0.001	0.016	848.418	1288.96	