

Coarse Chunks: Performance

Notes

For the high density FOV

- 3044468 objects are read into memory
- 5865220 objects read from disk

For the low density FOV

- 76073 objects are read into memory
- ? objects read from disk

For the average density FOV

- 373763 objects are read into memory
- ? objects read from disk

Summary and Links

Below, elapsed times for multiple runs of every test performed are listed. Detailed iostat traces for the first of these runs are available by clicking on the links.

Test	FOV	Row Size	Time - 1 st run	Time - 2 nd run	Time - 3 ^d run
Load test	High density	Skinny	0m36.023s		
		Fat	4m52.873s		
	Low density	Skinny	0m1.969s		
		Fat	0m9.818s		
	Avg. density	Skinny	0m5.517s		
		Fat	0m39.668s		
Load and index test	High density	Skinny	1m0.011s		
		Fat	5m27.291s		
	Low density	Skinny	0m2.488s		
		Fat	0m10.513s		
	Avg. density	Skinny	0m8.013s		
		Fat	0m42.883s		
Load then index test	High density	Skinny	1m14.078s		
		Fat	13m56.050s		
	Low density	Skinny	0m3.178s		
		Fat	0m25.482s		
	Avg. density	Skinny	0m9.924s		
		Fat	1m7.057s		