

Fine Chunks: Performance

Notes

For the high density FOV

- 3596852 objects are read into memory
- 3596852 objects read from disk

For the low density FOV

- 105847 objects are read into memory
- 105847 objects read from disk

For the average density FOV

- 446289 objects are read into memory
- 446289 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	0m42.217s		
		Fat	4m50.362s		
	Low density	Skinny	0m3.589s		
		Fat	0m22.299s		
	Avg. density	Skinny	0m16.066s		
		Fat	0m50.490s		
Load and index test	High density	Skinny	1m1.573s		
		Fat	5m19.527s		
	Low density	Skinny	0m4.206s		
		Fat	0m24.154s		
	Avg. density	Skinny	0m19.058s		
		Fat	0m54.383s		
Load then index test	High density	Skinny	1m31.118s		
		Fat	8m8.764s		
	Low density	Skinny	0m5.717s		
		Fat	0m52.224s		
	Avg. density	Skinny	0m21.408s		
		Fat	1m30.905s		