



Huiguang Liang Mehul Motani Wei Tsang Ooi

National University of Singapore











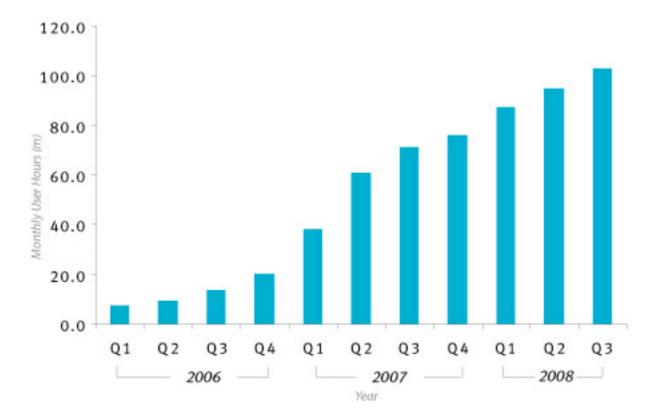


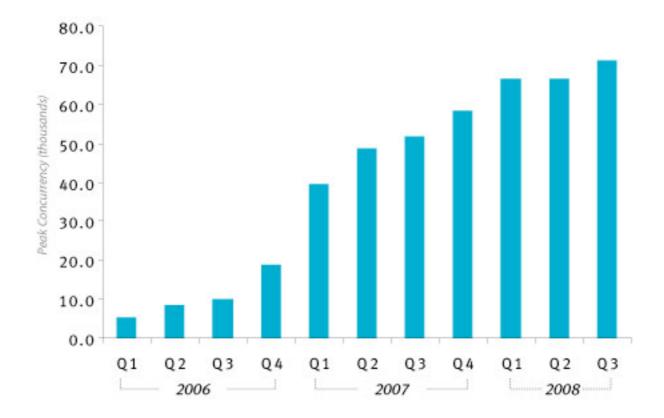
1,020,500

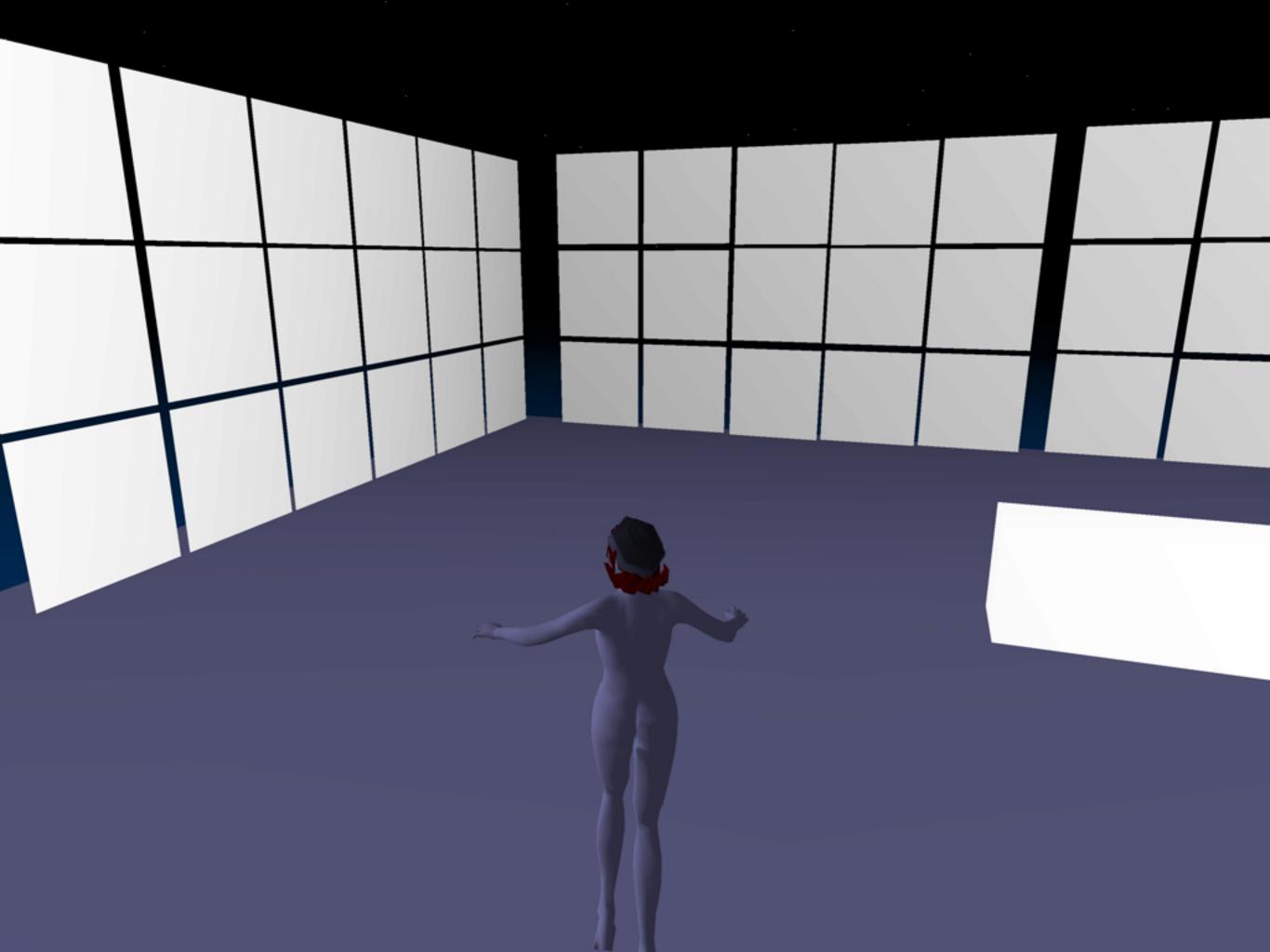
residents logged in the last 30 days

16,271,892

total residents









Take-Away Messages

I .

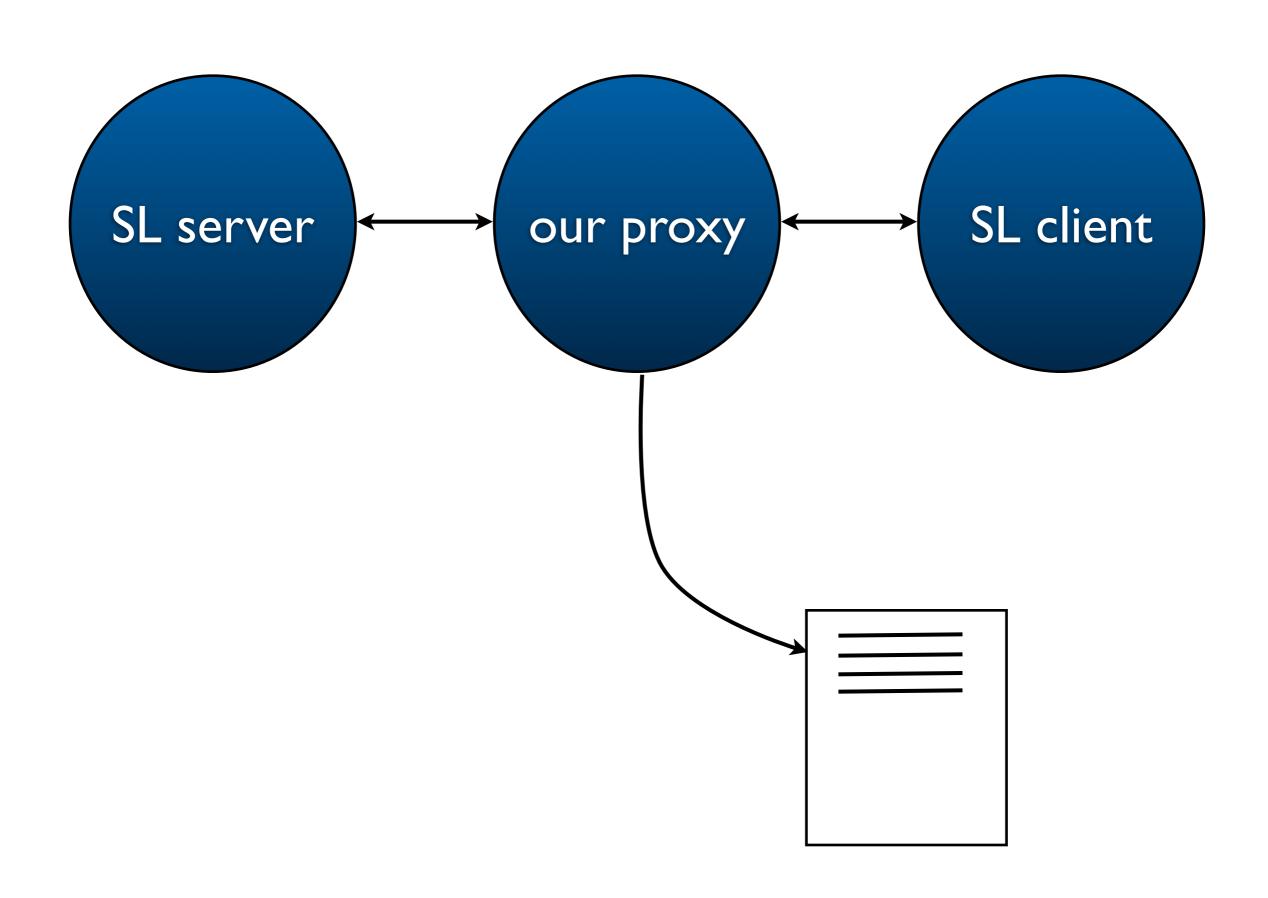
large amount of textures within a region

2. network traffic is dominated by textures

3. spatial distributions of textures are skewed

important to study textures in an NVE

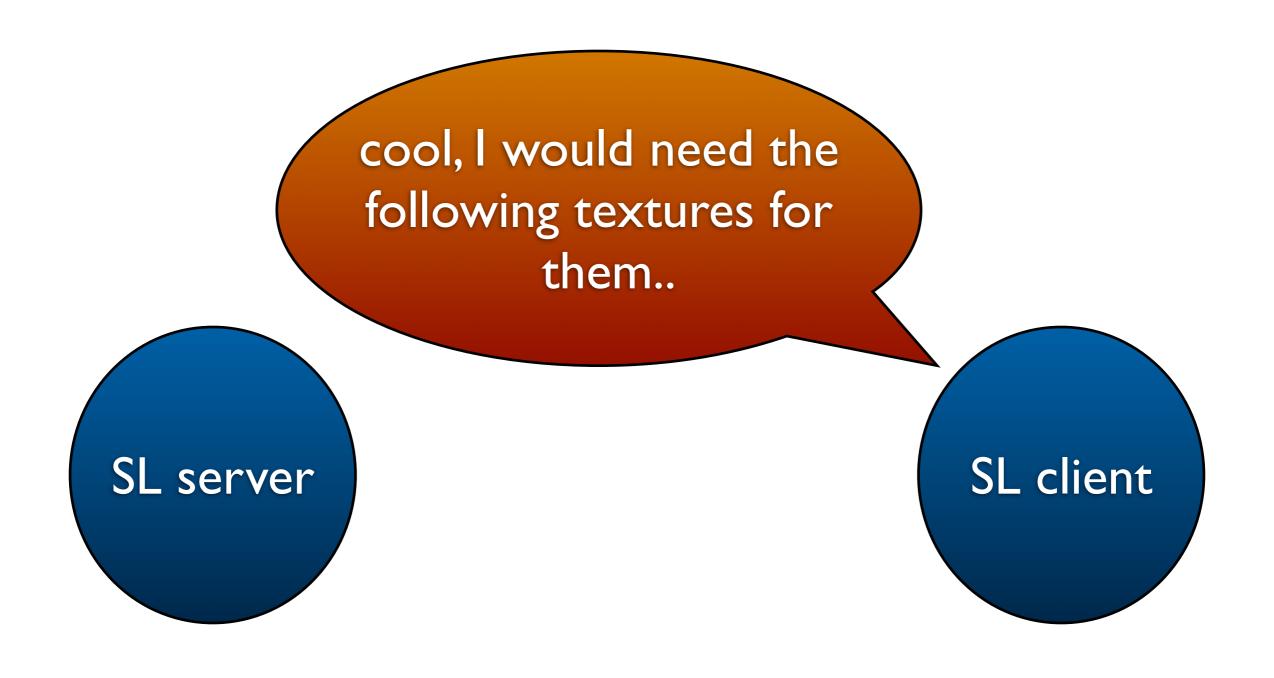
Methods

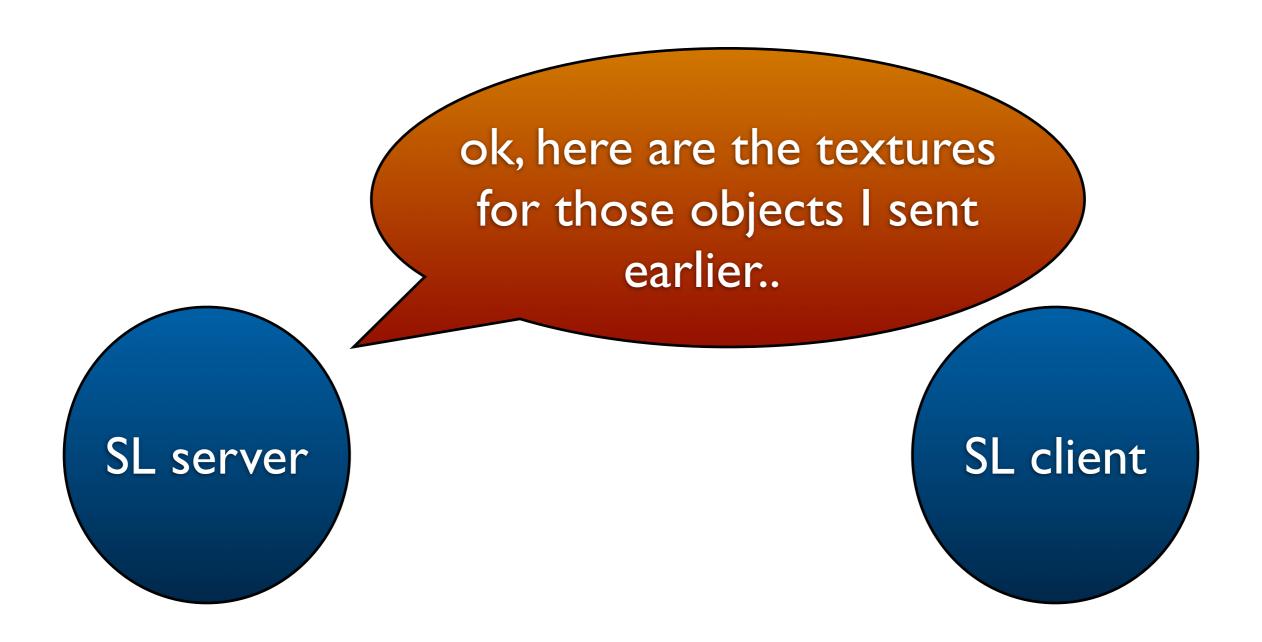


here are the objects and their positions..



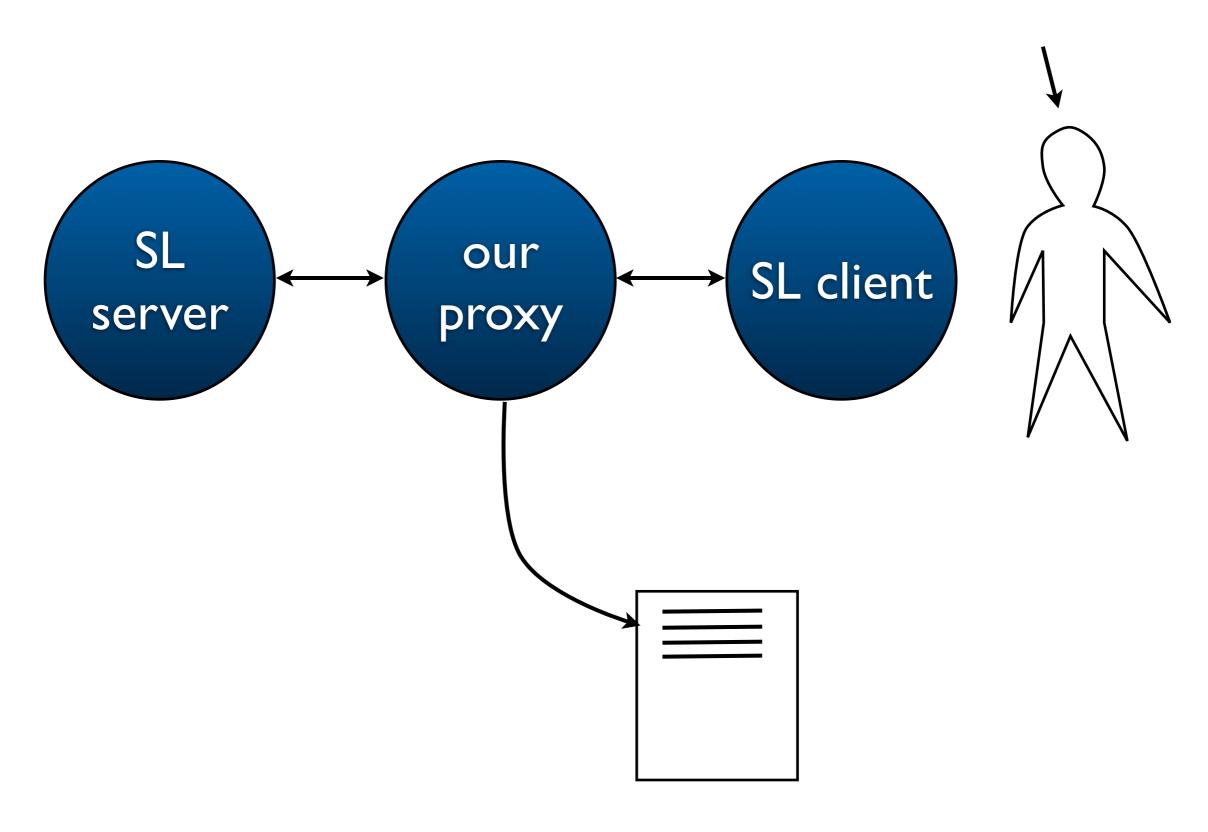






Texture(ID, size, position)

student









How much textures are there?

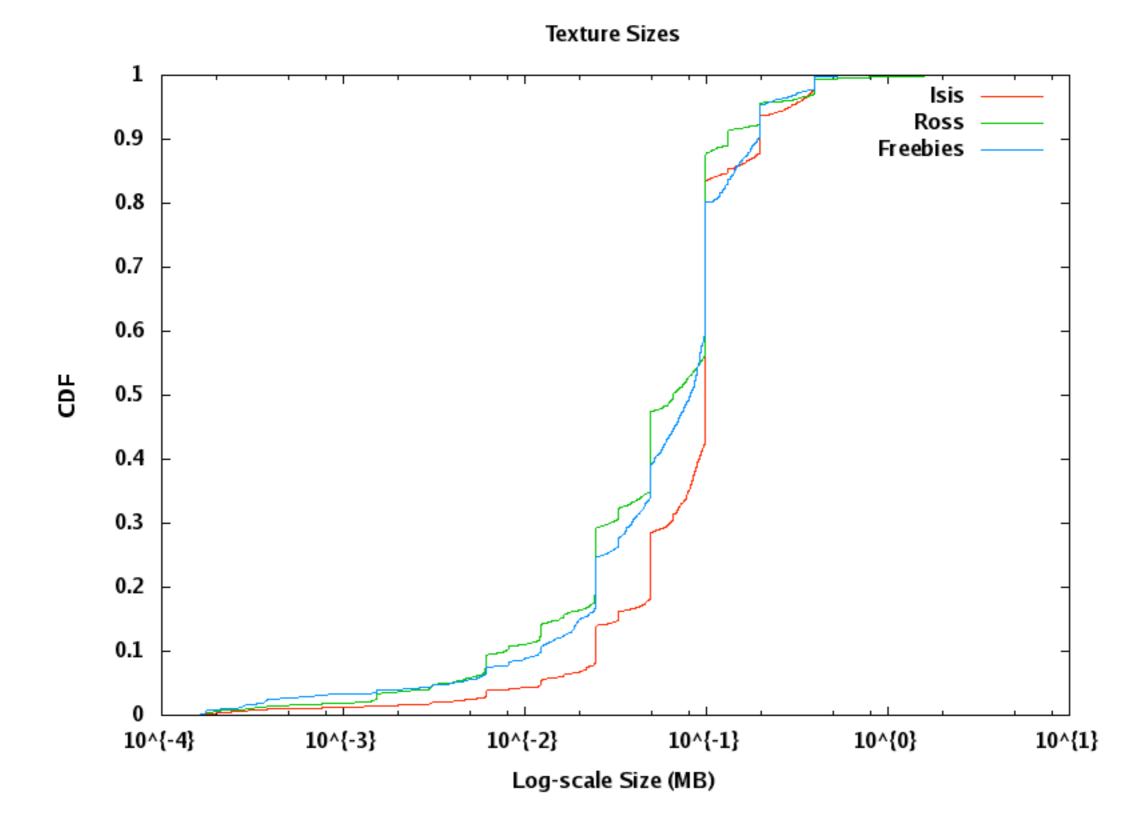
Freebies 74.3 % lsis 61.6 % Ross 88.2 %

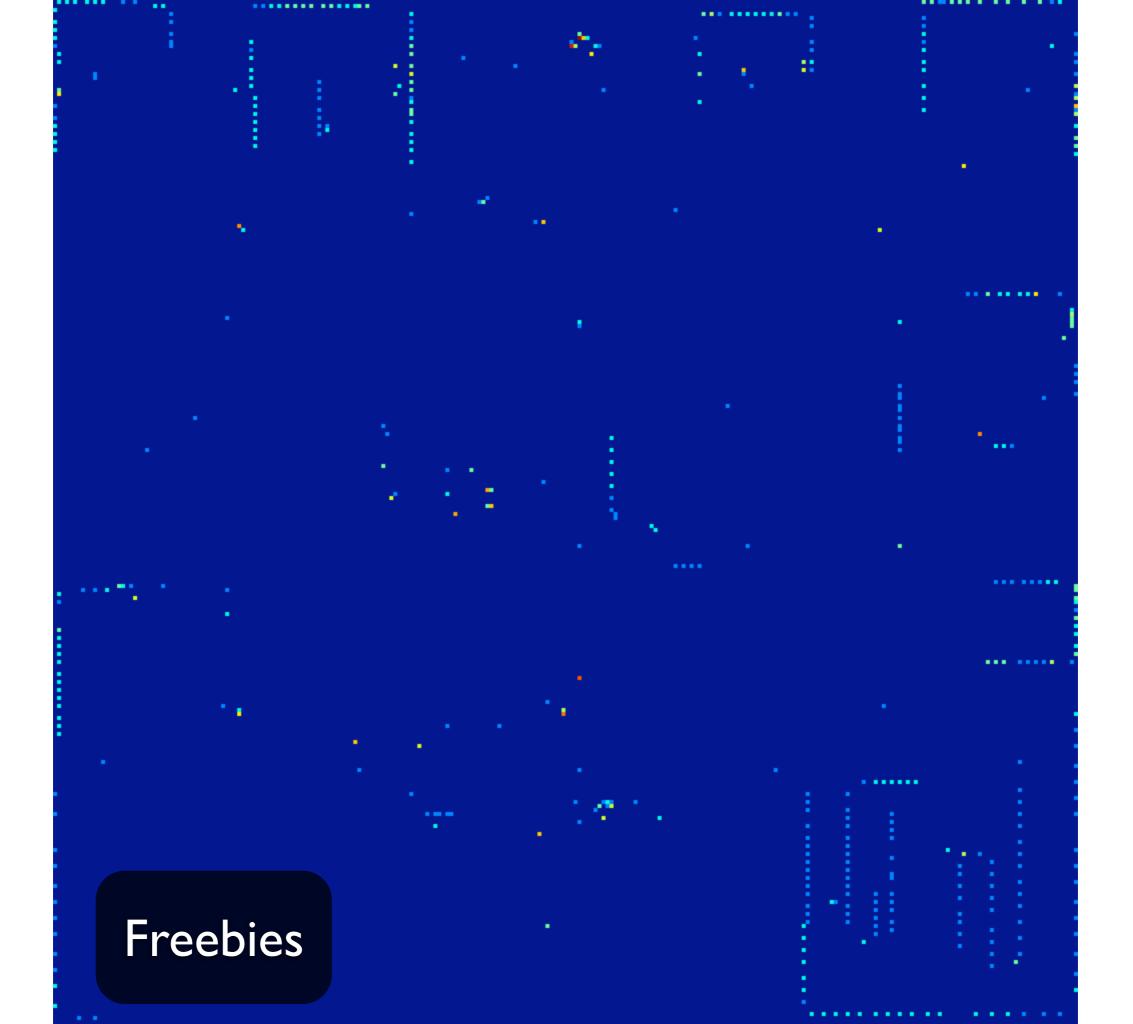
Freebies	1782	153 MB
Isis	3572	351 MB
Ross	2860	236 MB

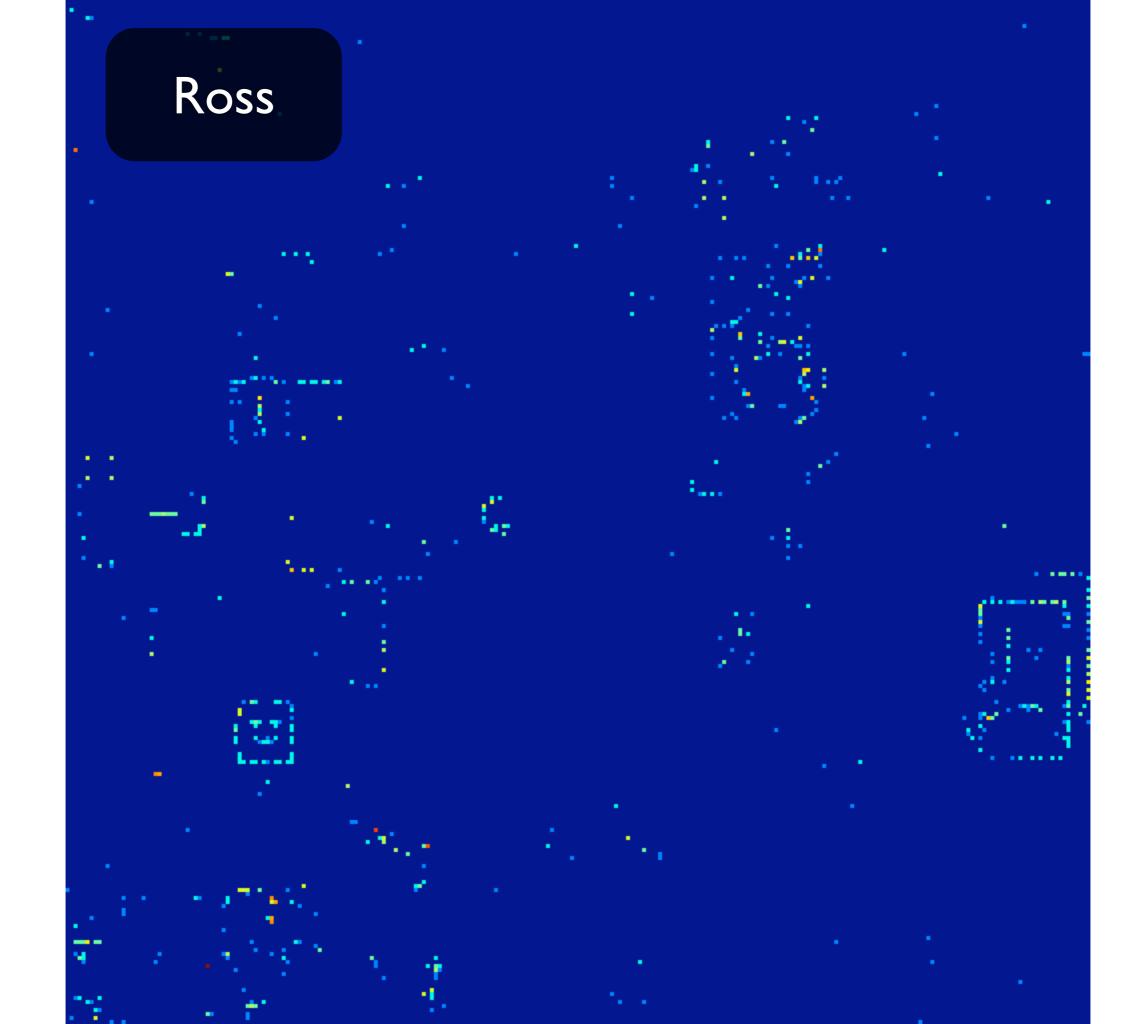
2700 visitors to Isis

35 I MB

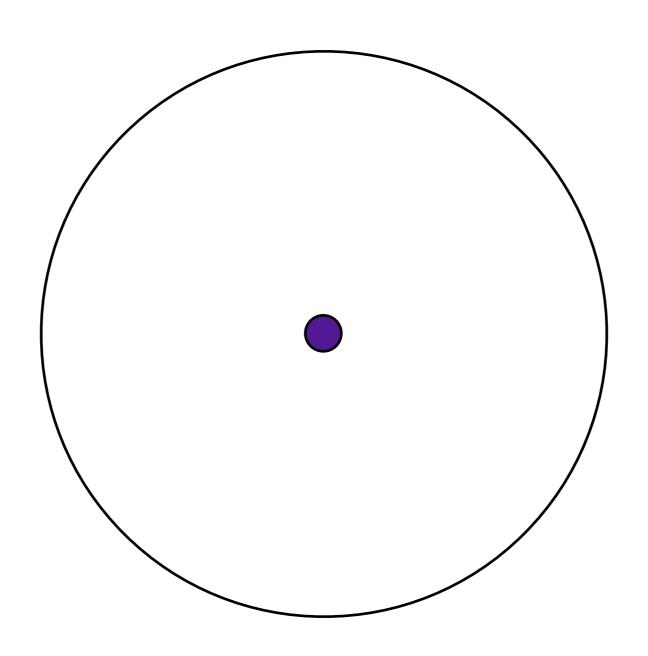
925 GB

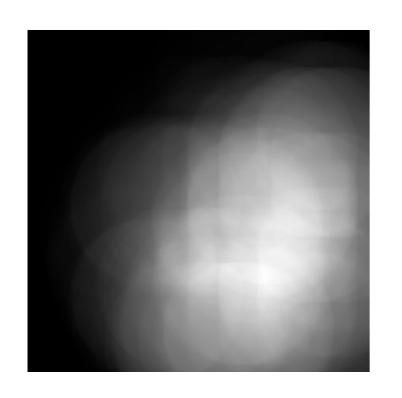






Isis

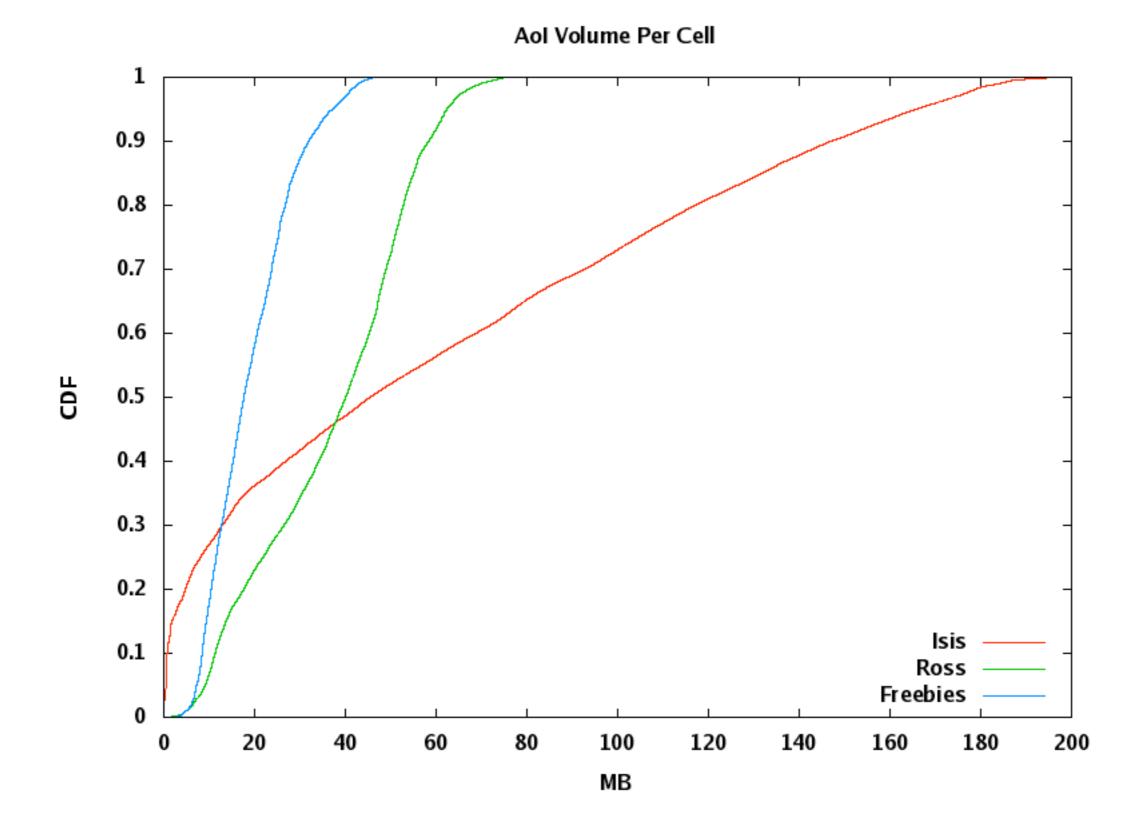








Isis Ross Freebies



Conclusion

Motivates the need to investigates textures

Caching textures would be really helpful

Needs to be careful when zoning a VE

Trace-based Simulations Workload Model

Avatar Traces



"Avatar Mobility in NVE: Measurements, Analysis, and Implications"

(available at arXiV)