











Hey Bridget, why don't you just use multivariate statistical analysis with your big database and tell <u>us</u> what conditions give the best data?	•	 Just started uploading refinement parameters last June. We do have some early results Euler analysis 					
		Database in 2007Image records:594,506Experiment records:2891Experiment Size:15,082,558,053 kB					
Vinzenz Unger, 11/12/07		Total Cell	Tables	Data	Indexes	Tota	al
	dbemdata	162,355,637	183	905.3 MB	651.4 MB	1.5	GB
	processing	663,741,994	50	3.2 GB	2.9 GB	6.2	GB











Appion: under the hood

Required for all appion tools:

- Python, Leginon
- PHP
- MySQL
- Images collected with Leginon (manual, simple)

Required for individual modules:

- SPIDER
- EMAN
- FindEM for template particle picking
- R-measure
- Chimera for volume imaging
- Matlab[†] and ACE for CTF estimation

[†]commercial product

END TALK



