

Sentiment Analysis at PGCon

Amazon 🥁 😍





Microsoft \approx \checkmark





Google



























Oracle is a big company

- 137,000 employees
- \$180B market cap



Oracle is a cloud company

- Not just a database
- Our competitors also have their own databases



Competition is good

- Competition drives innovation
- Competitors can collaborate



~150 people in Oracle's Linux kernel team

- QA
- Filesystems (XFS, NFS)
- Security
- RDMA
- KSplice
- SMatch
- Virtualization (Xen, KVM)
- Memory Management



Huge Pages

- Save one level of page table walk
- Use one TLB entry in place of 512
- Explicit support with HugeTLBfs & shmget()
- Transparent anonymous memory already working
- File-backed pages coming soon
- For program text, we see 2-6% performance improvement



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