

MySQL User Conference 2007



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Overview

- Santa Clara - California
 - Tutorials 1 day
 - Conference 3 days (8:20am – 6:15pm)
 - Cheap Certification - \$50
 - Great community involvement
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- Free Rides from Proven Scaling (3 overseas people)
 - Free Certifications from Proven Scaling

Key Notes

- Marten Mickos - MySQL
- Guy Kawasaki
- Michael Evans - OLPC

- Rasmus Lerdorf – PHP
- Paul Tuckfield – YouTube
- Yahoo Pipes

Marten Mickos - MySQL

“The Participatory & Disruptive spirit of the Dolphin.”

- Open Source disrupts inefficient models and produces new wealth.
- “Fail often to succeed soon.”
- “Noah’s Ark was built by amateurs, but the Titanic by professionals.”
- Going Forward
 - Scalability
 - Availability
 - Manageability

MySQL - The best online database in the world.

Guy Kawasaki

- Create a mantra — Why do you exist?
 - Deep, Intelligent, Complete, Elegant, Emotive
 - Get it out there
 - People love it or hate it.
 - Ok to ship stuff with crappy stuff in it, but important to continually revised and improve.
 - “You need to high and to the right.” like the president
 - 10/20/30
- “It only covers the first billion, it’s the second billion that pisses me off.”**

1. Make Meaning
2. Make Mantra
3. Jump to the next curve
4. Roll the DICEE
5. Don't worry, be crappy
6. Polarize People
7. Let a hundred flowers blossom
8. Churn, baby, churn
9. Niche thyself
10. Follow the 10/20/30 rule
11. Don't let the bozos grind you down

Michael Evans - OLPC

“I’m willing to jump into this to change the world.”

“What ever advice you got, keep it to yourself, your not the target market.” - UI Designer to room of executives

“No backward compatibility needs.”



Rasmus Lerdorf - PHP

“The web is broken you can all go home now.”

“The Neuropeptide oxytocin” — Nature’s trust hormone

People need to attract other people, it makes you feel good, it comes out when you interact with people.

- What to do
 - Avoid Participation Gimmicks
 - Get their Oxytocin flowing
 - Solve One Problem
 - Clean and Intuitive UI
 - API’s
 - Make it work

Paul Tuckfield – YouTube

“What do I know about anything, I was just the DBA at PayPal, now I’m just the DBA at YouTube. There are only 3 DBA’s at YouTube.”

- Keep “intentional lag”/Stemcell replicas - Stop SQL thread, keeps a server a few hours or a day behind. Say if you drop a table you have a online backup.
- For YouTube 2-3 second lag is acceptable.
- Don’t care about CPU’s. I want as much memory as possible, I want as many spindles as possible.
- Only DB should cache reads
- Write a script to do reads, before updates coming up (because they are cache hits)

Community Awards

Applications of the Year

- YouTube, Amp'd Mobile, Adobe

Partners of the Year

- Carasoft, HP, RedHat

Community Members of the Year

- Quality Contributor - **Martin Freibe**
- Community Code Contributor - **Paul McCullagh** (PBXT)
- Community Advocate - **Sheeri Kritzer**

Community Awards



Product Road Map

- 5.1
- 5.2
- 6.0
- > 6.0
- Network Monitoring & Advisory Service 1.1 / 2.0
- 5.1 Cluster Carrier Grade (Telco Edition)

A blue speech bubble with a black outline, containing the text "Most Disappointing".

Most
Disappointing

No Dates, very disappointing

Google

- Everything fails
- Cheap commodity hardware
- Shard everything
- Monitor and record everything

- Minimal RAID usage
- Major code contribution - MySQL 4

Storage Engines

- Nitro
 - Inserts 1000s times faster
 - range based, aggregate queries sub 1 second
 - Side by Side with Innodb
- Demo (outside of MySQL)
 - 32bit machine
 - 80,000 inserts per second
 - 16 indexes

Dorsal Source

- Patch Uploader
- O/S Builds

- Proven Scaling
- Solid Tech



What's Next

- MySQL Camp II
- New York
- August 2007

- Excellent Networking – Job Opportunities