



PERCONA
Performance Consulting Experts

MySQL Graphing and Trending with Cacti

Baron Schwartz

About Me

- Director of Consulting at Percona
- Lead author of High Performance MySQL, 2nd Edition
- Creator of innotop, Maatkit, and Better Cacti Templates

Best Practices for Ops and DBAs

- Backups
- Monitoring and Alerting
- Historical Metrics, Graphing, Trending
- See <http://www.xaprb.com/blog/essential-books> for books that I suggest

Why Graphing and Metrics?

- Troubleshooting
- Verification of other data
- Finding anomalies
- Capacity planning

Why Cacti?

- Easy, Convenient
- Good enough
- Templates
- Why not?
 - Not great for thousands of machines
 - Can't query RRDtool ad-hoc
 - Can't keep data at fine granularity forever

Cacti Templates

- Purpose of templates
- Data Source, Graph, Host templates
- Pain points
- Better Cacti Templates project,
<http://code.google.com/p/mysql-cacti-templates>

Installing Cacti and Templates

- Install Cacti
- Install Data-Gathering Script
- Import Templates
- Create “Devices”
- Apply Host Template
- Create Graphs