

# Database Meeting 2016-01-20

## Date

20 Jan 2016

## Attendees

- John Gates, Fritz Mueller, Vaikunth Thukral, Andy Salnikov, Brian Van Klaveren, Unknown User (npease), Fabrice Jammes, Serge Monkewitz, Andy Hanushevsky, Unknown User (kelsey), Jacek Becla

## Discussion items

Multi-node integration tests via Docker - demo by Fabrice

- Related links:
  - [http://www.slac.stanford.edu/exp/lst/qserv/2015\\_11/HOW-TO/docker-multinode-test.html](http://www.slac.stanford.edu/exp/lst/qserv/2015_11/HOW-TO/docker-multinode-test.html)
  - <https://github.com/fjammes/packer-openstack-example/blob/master/README.md>
- Discussion
  - definitely great for CI, for running on production clusters
  - to be determined if not too complicated for an average developer, time will tell
  - current version still needs lots of cleanup, still not fully automated
  - next step: plug it into CI, hopefully will happen before JTM
  - after that: improve code related to port conflicts, auto-locating services, reduce dependency on DNS/network configuration, useful for testing in docker and without

Qserv in VM / openstack at ncsa

- works well, painless
- eventually we will need to migrate from lsst-dbdev\* to VMs

RocksDB

- seeing scalability issue with 30 million entries
- will check with RocksDB developers at FB

Webserv for SUI

- discuss S16 plan with IPAC - Data Access mtg this coming Monday (pinging Unknown User (xiuqin) to let her know)