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# High performance Zope3

*Monday 9 July 2007 15:00 (30 minutes)*

in this talk we'd like talk about using zope3 for "web2.0" community portals. we're serving more than 100mio requests per month with a peak traffic of 250mbit/s at more than 1000 concurrent requests. we were fighting hard to "tune" zope3 to that scale.

we'll talk about:
- the hardware architecture when running these applications: nginx reverse proxies, varnish caches, memcached caches, ipvs load balancers, XEN virtualization,...),
- strategies to monitor and improve zope3 settings (z3monitor, zservertracelog, cache tuning,...) with python plugins for cacti
- deployment of multiple servers with buildout/eggs
- software quality (buildbot, ftests/unit testing, selenium)
- do and dont's to consider when building highly personalized web2.0 portals

we'll give a "hand's on" how to use our performance and caching python packages to improve the speed of zope3.

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