

# Report on 7<sup>th</sup> Quattor Working Group Meeting

- Tool suite to describe desired state of a system and to realize this state
  - Installation, package management, service configuration
  - Pan “programming language”: re-using config
  - Components at nodes to realize configuration

```
'/software/components/chkconfig/service/autofs/on' = '';
'/software/components/chkconfig/service/autofs/startstop' = true;
'/software/packages'=pkg_repl('r_2.6','2.6.2-2vle3.rhel4','i386');
...
```

compilation

XML

NCM component @ node

```
/sbin/chkconfig autofs on
```

- At Morgan Stanley bank, London
  - *Are you some kind of hiking club?*
- Community keeps growing
  - 26 participants, 12 institutes
  - developers & users
  - scientific & commercial
  - Now “real Open Source” project
  - No dominating partner
  - Nikhef: Tristan & Ronald
- Discuss developments, problems, roadmap

- Site presentations
  - “*Nikhef does everything slightly different*”
  - ... but contribution is not neglected!
- Morgan Stanley use case:
  - Eventually ~30k machines
  - Fully automatic installation of 7k machines in 3 weeks
  - Built system around Quattor, may become open source
  - Lots of bug fixes, improvements

- Monitoring
  - Convergence between solutions UAM, LAL, TCD, Nikhef
- Virtualization
  - Convergence solutions TCD, LAL, Nikhef
- Inventory management
  - QuatView (dev: Tristan) web front-end
- Roadmap
  - SW process, documentation, cleaning up
  - FP7 proposal for structural improvements

- Very productive meeting
  - Active participation, constructive solutions
- Community alive & kicking
- Next time: end October in Brussels
  - Tutorial or introduction session