

## **Developments - Setup**

- Now using stock SCDB + local build tasks
- Subversion holding SCDB
- All new feature: direct fs definitions for Anaconda
  - blockdevices & filesystems too risky for DPM/Xen servers
- Compilation speedup: cloning WN definitions
  - Issue: dependencies when recompiling
- Still using Pan 7.2.9, Quattor 1.3
  - Upgrade Dec/Jan?
- Redundant repository servers
  - DNS load balancing



## **Developments - Projects**

- Virtualization (Xen)
  - Not yet based on QWG, but considering migration
- Management:
  - Where is my VM?
  - What should host X do?
  - See QuatView talk
- Monitoring via Nagios
  - Client side via Quattor
  - Servers still manually configured; considering QWG
    - NCG: will try Yaim
- Templates
  - Planning: OS setup via QWG



- Software updates
  - Kernel:
    - Install limited number of kernel updates
    - Manual selection / reduction
  - gLite:
    - Update repository for WN separate from other node types
    - May become future for all node types. Update repo per node type?
- SPMA and rpm file/pkg name mismatch
  - Keep re-installing rpm. Examples: VMWareTools, condor
- Pan schema: extend with node function(s)
- Ncm-xen: support for relocatable dom-Us
- Ncm-yaim: remove siteinfo.def on failure