

Puppet Status

News from the configuration side: The system view: Puppet & co.

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Puppet Status

- > Second year puppet
- > Today all new SL6 and Ubuntu 14.04 machines will be configured with puppet
- > GRID, dCache, HPC and BIRD(SL6) completely migrated
- > ~ 2000 Hosts



New stuff

- > Foreman
- > Mcollective
- > Puppet 3.7



- > The new management console for DESY
 - Registration
 - Deployment
 - Monitoring
- > Support organisations and roles
- > In Production for Ubuntu 14.04 (partly)
- > On going work to replace wboom for SL6, EL7 and Ubuntu 14.04



- > Tool to control large group of nodes (orchestration)
 - Parallel-ssh on steroid
 - Low latency
 - Deeply integrated with puppet
- > Production grade installation (thanks to Jan)
- > Good opportunity to control puppet runs on mission critical systems

Puppet 3.7

- > Updated our puppet installation
- > Support for EL7
- > Now we can further optimize our puppet infrastructure
 - Puppet server



> IT is not as centralized as the years before

- Groups want to have more control
 - > When
 - > What
 - > Who
- Groups want to create/deploy own configurations

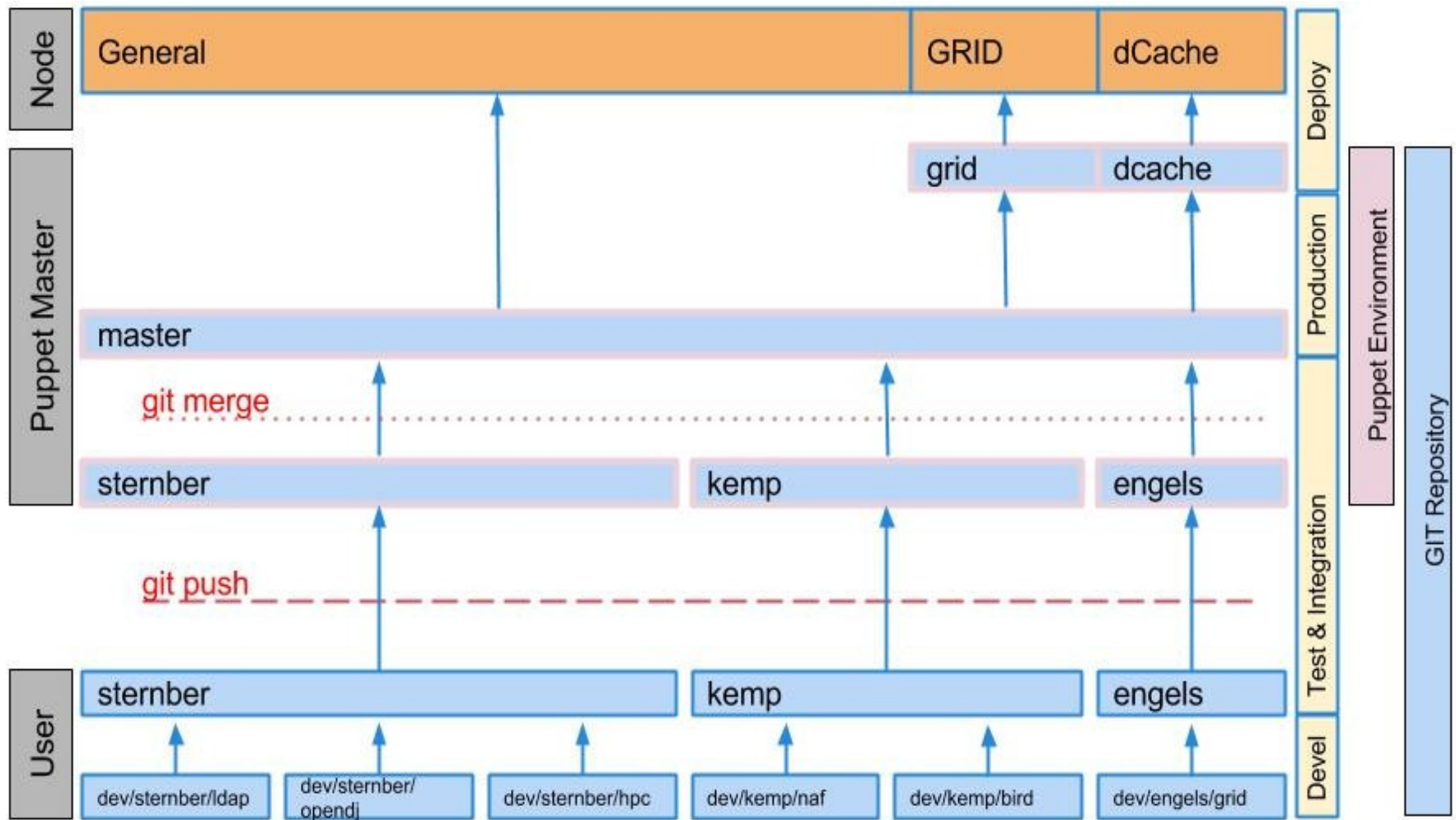
> Management

- Forman will support decentralized setup

> Configuration

- GIT support the development of independent configurations
- **BUT** all changes need to be approved/applied by IT

Workflow now



Workflow (future)

- > One repository per feature
 - Managed by gitlab
 - Workflow need to be adapted
 - Utilize something like “jens”
- > Groups will be responsible for their “configurations”
- > Goal conflict
 - Full control about development and release
 - Utilize the work of other groups/IT

