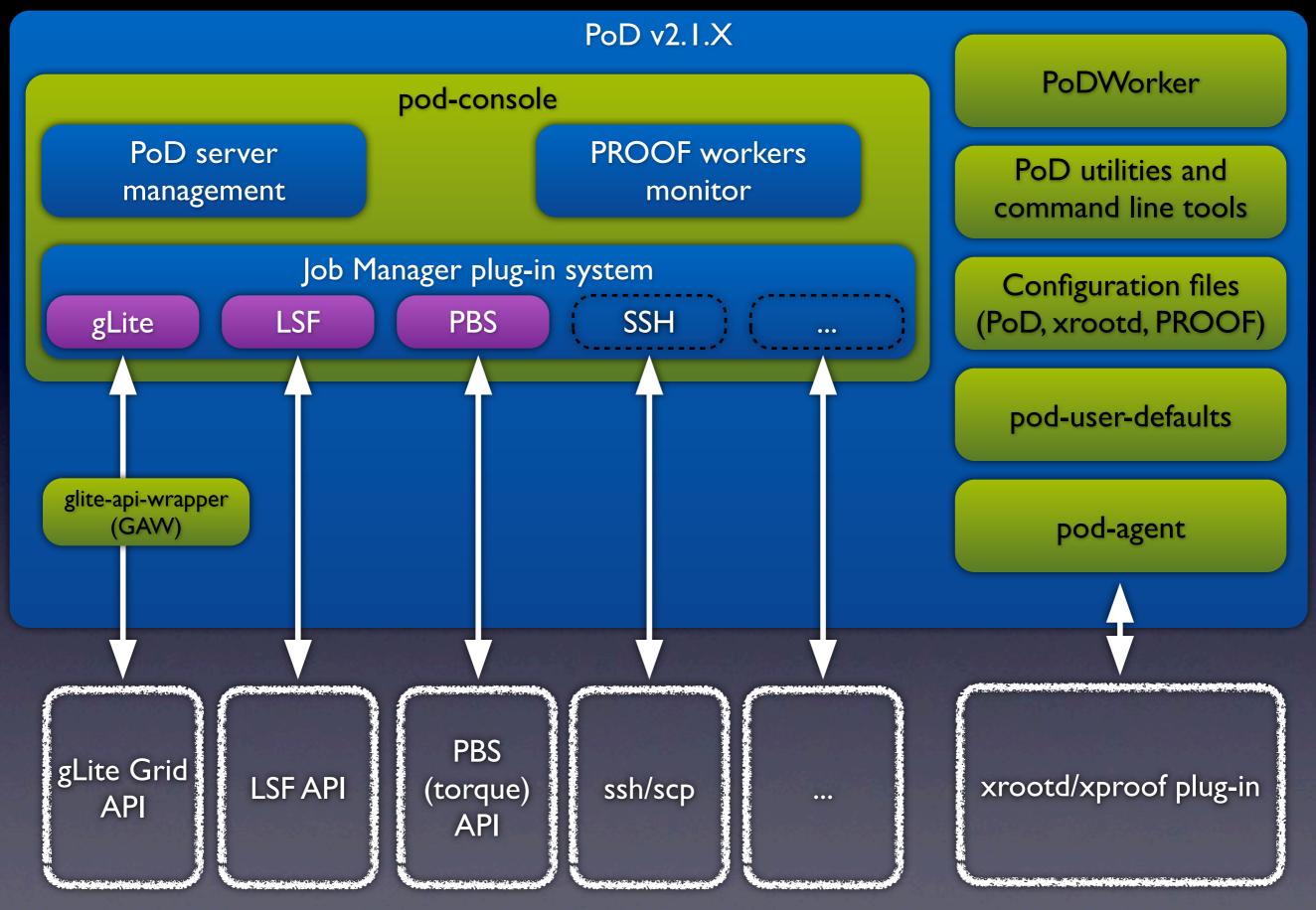


version 2.1.4a status report and user experience

Anar Manafov, GSI Darmstadt



Native PROOF connections Packet-forwarded connections

Resource management system The system is a system in the system is a system in the system is a system in the system.

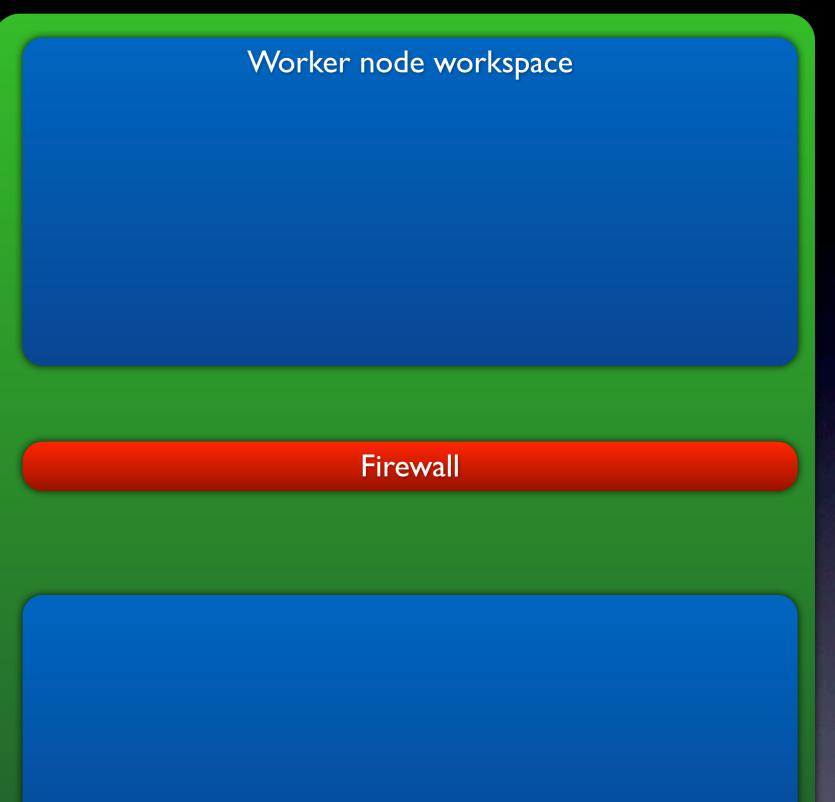




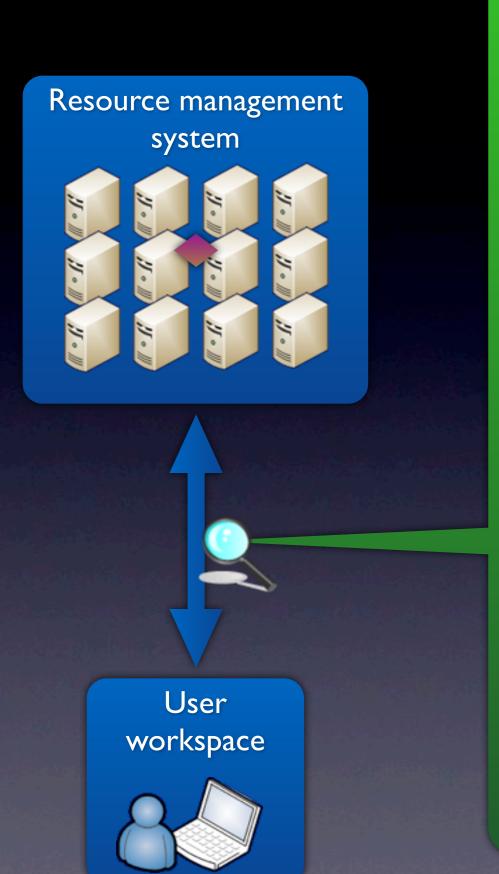


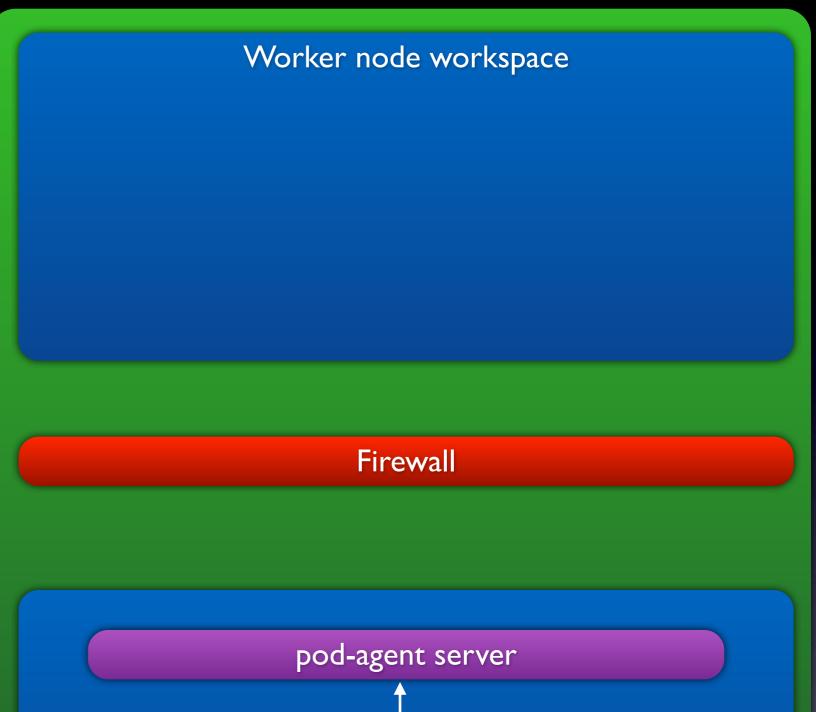


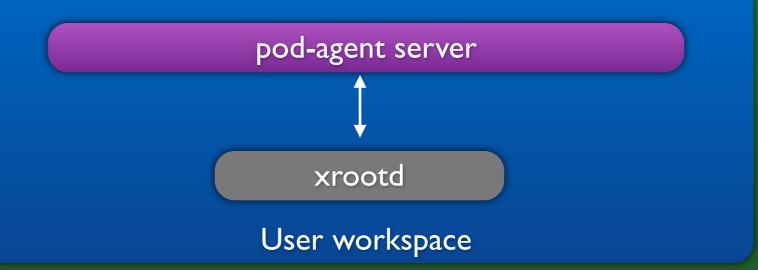
Resource management system User workspace

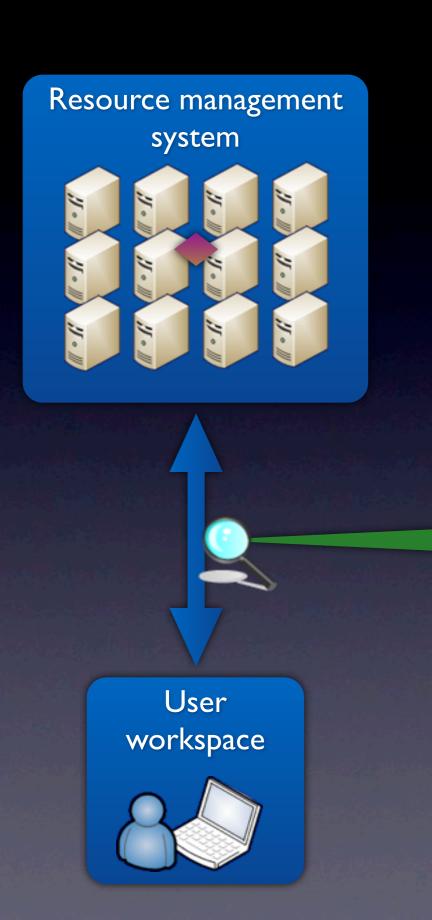


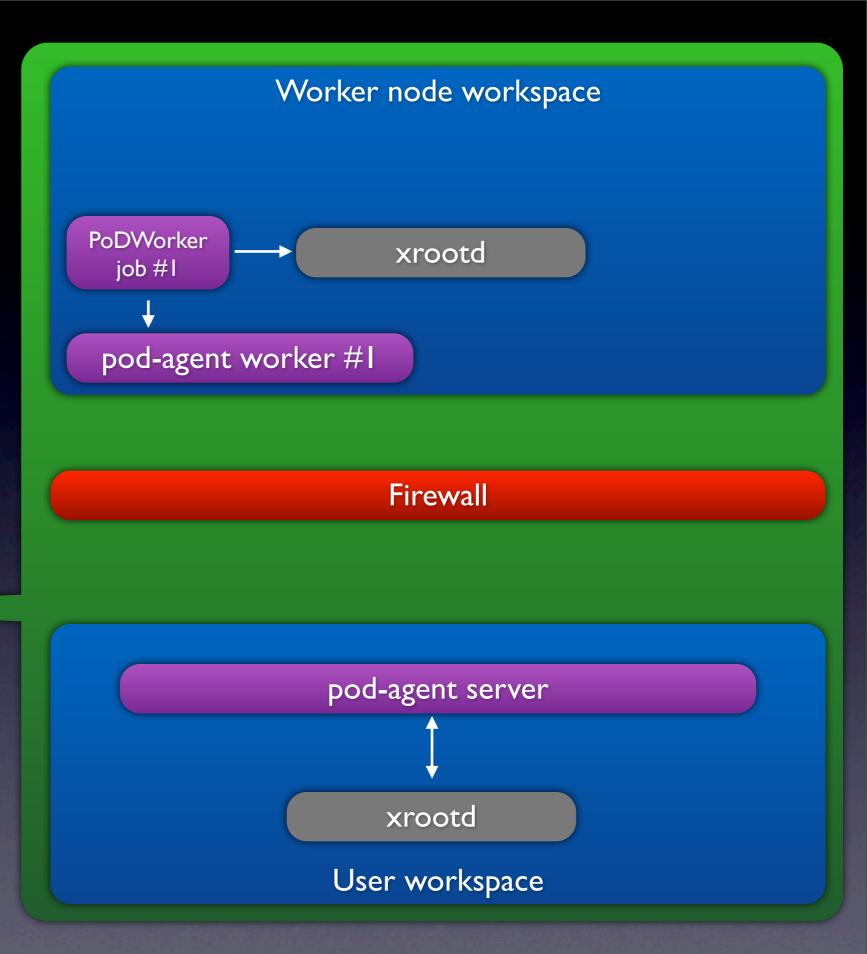
User workspace

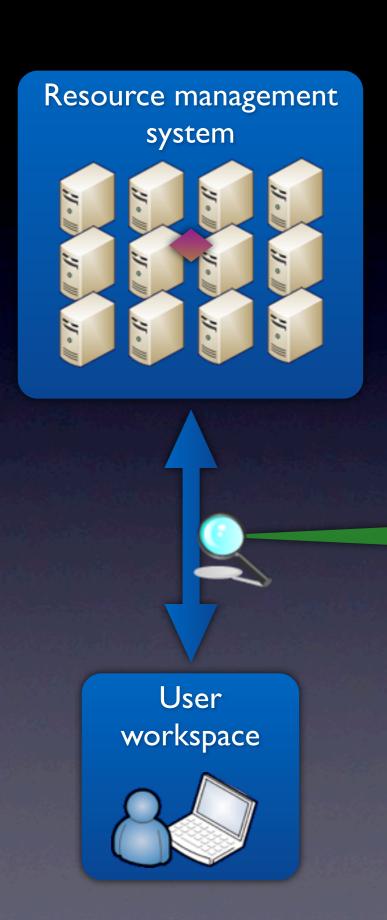


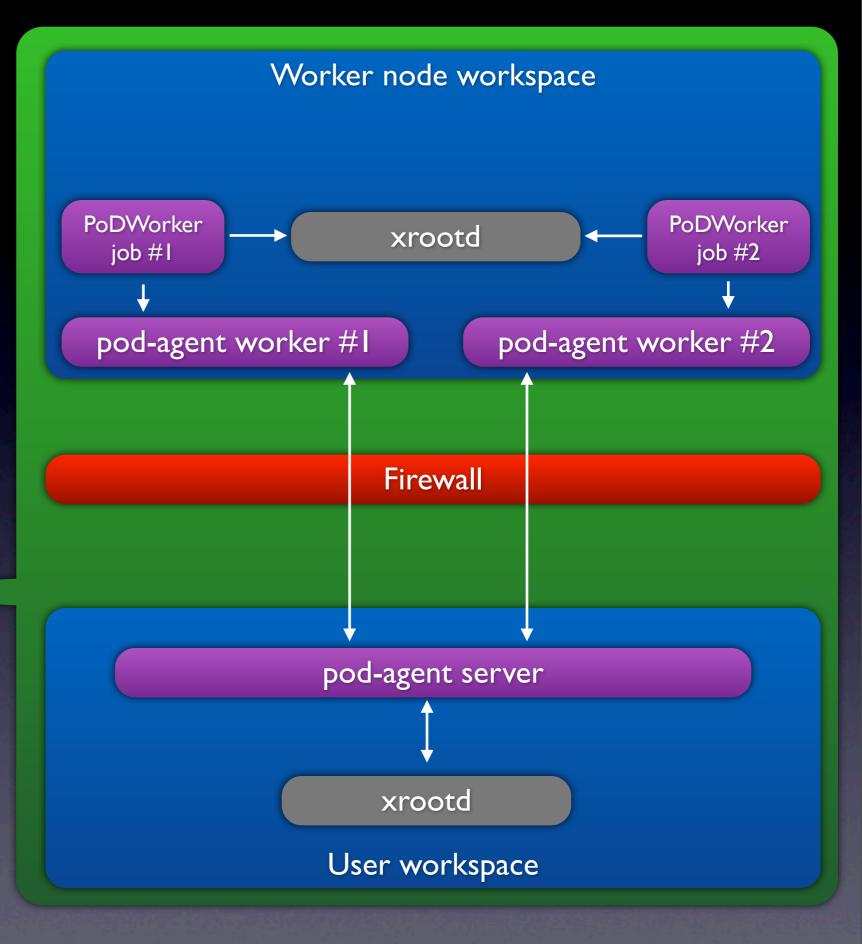


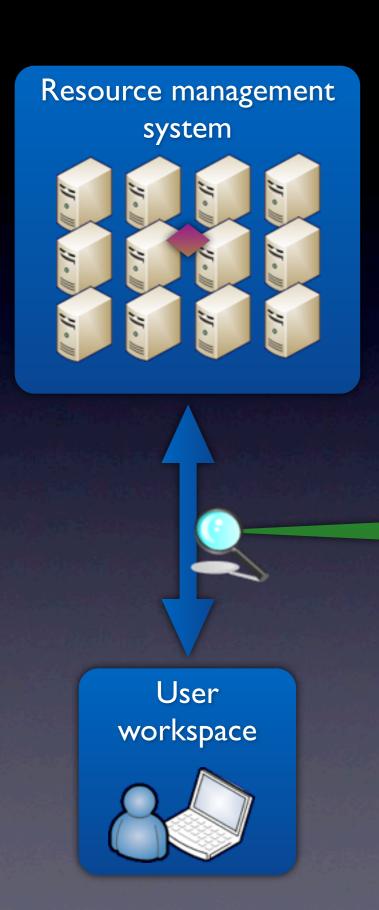


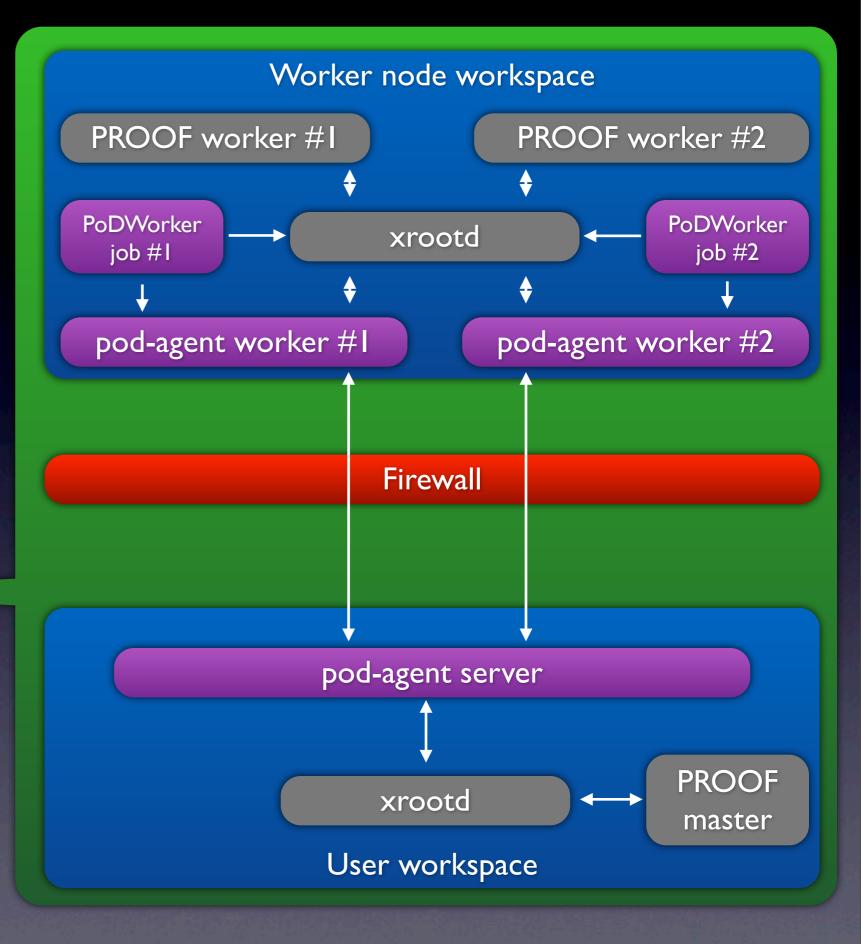


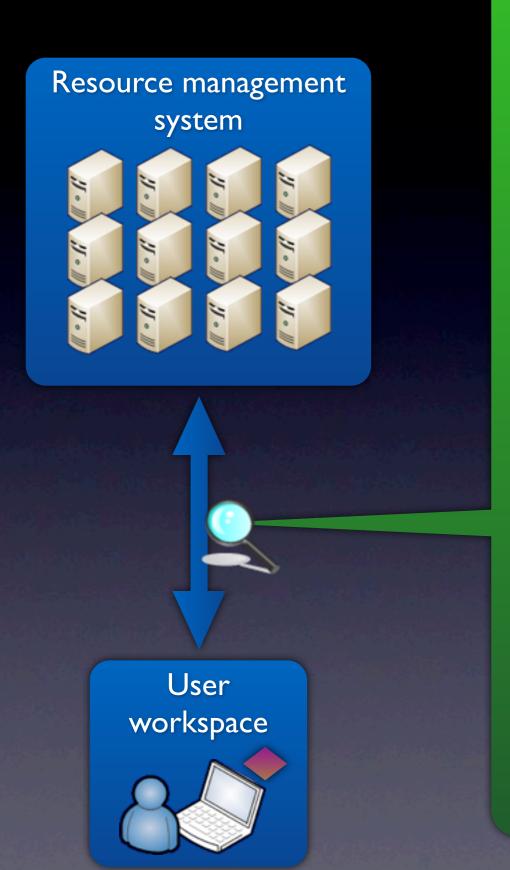


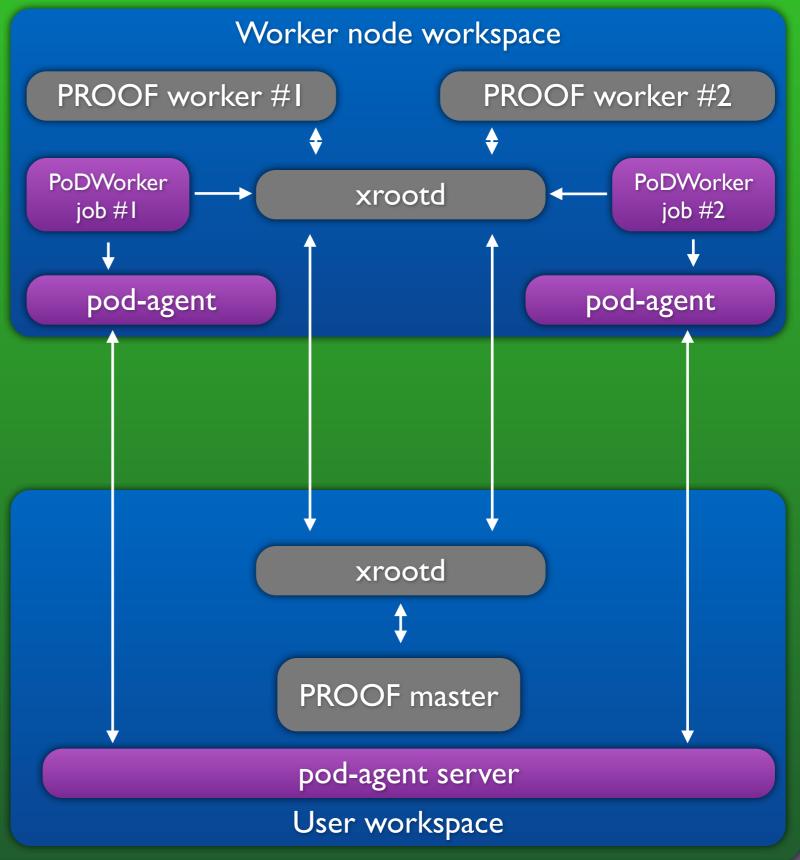












pod-console

- automatically switches off sensors after specified time of non usage,
- an improved algorithm of updating available PROOF workers (based on FS events),
- LSF plug-in: status only for unfinished jobs,
- many other improvements in LSF plug-in, in order to make it LSF and resource friendly.

PoD package

- new build system and installation procedure,
- command line interface (use PoD remotely or in a batch mode),
- PBS plug-in,
- new web site (http://pod.gsi.de) now generated using the DocBook schema.

PoD at GSI

Dedicated LSF queue

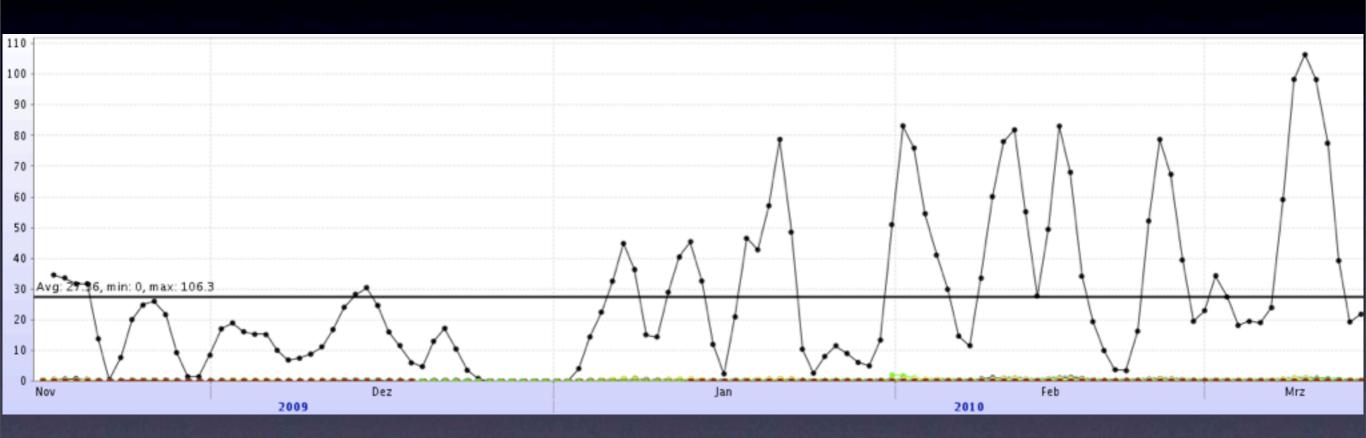
 preemptive, max. I 20 jobs per user and max. 4 hours run-time per job.

Data located on the lustre FS.

Mainly used by ALICE group (GSI, Heidelberg, Münster).

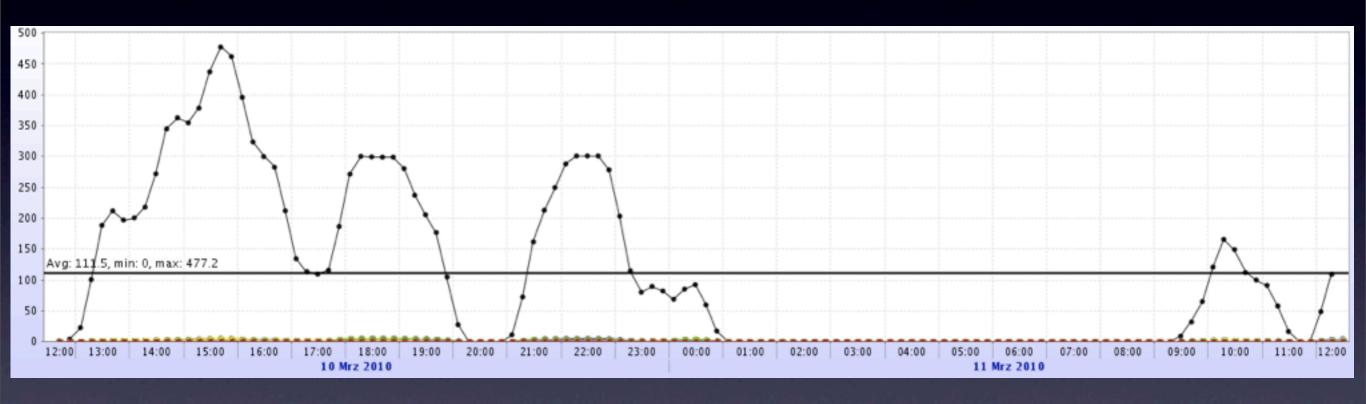
Everyday, in average, we have 2-5 concurrent users with 20-120 workers each.

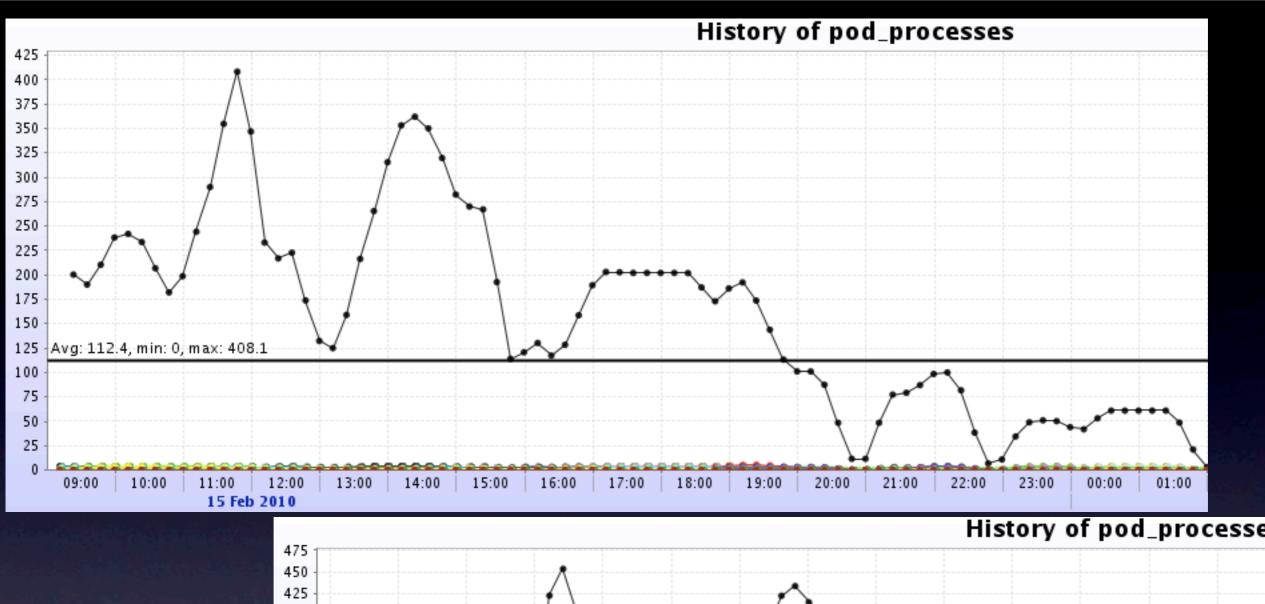
An average number of PoD WNs at GSI since November 2009

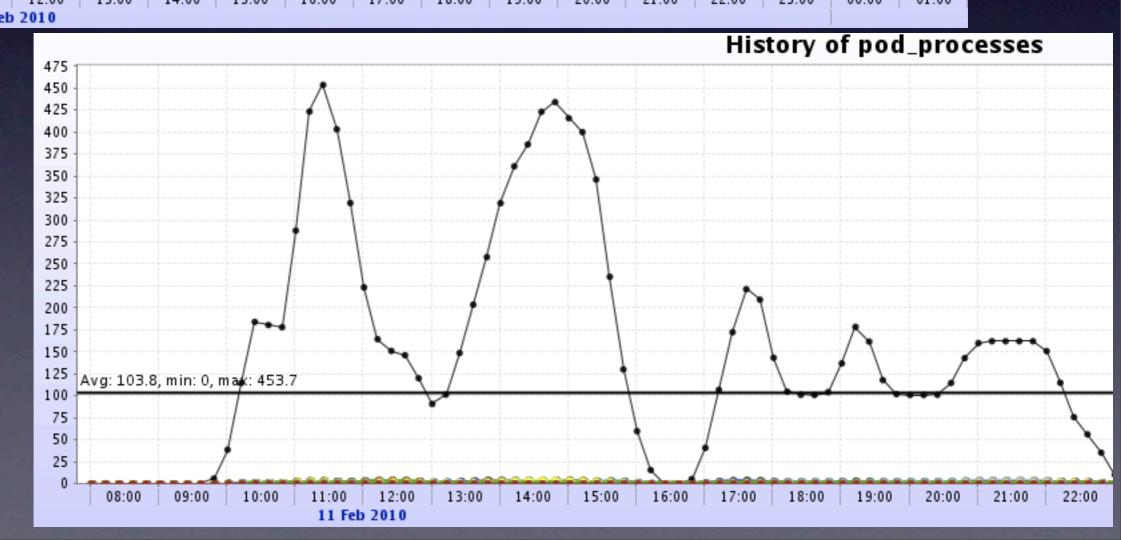


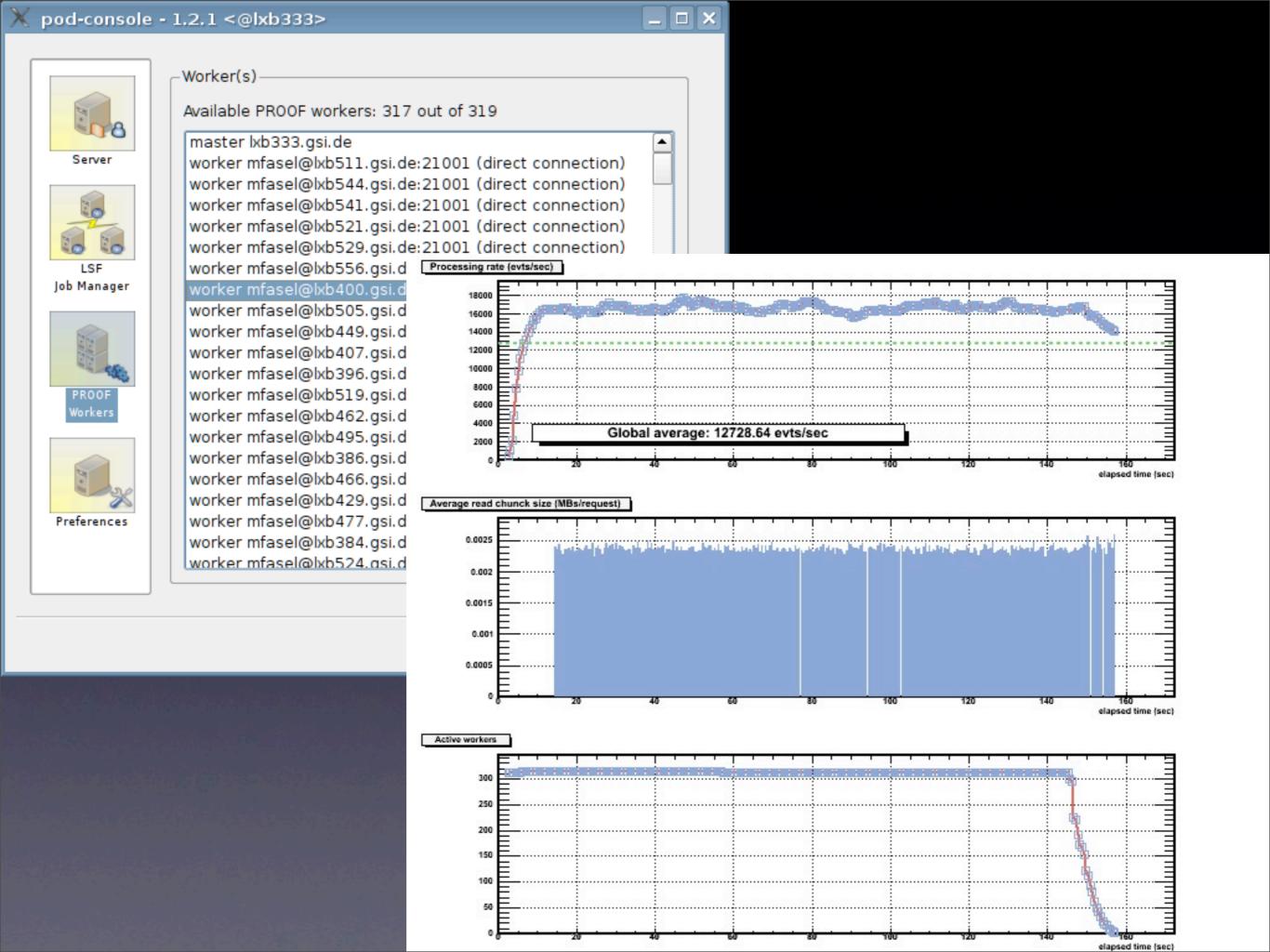
PROOF usage via PoD is constantly growing since the first release.

PoD daily usage









PoD at CERN

- Since v2.1.2 PoD could be used on CERN's AFS,
- PoD was tested on CERN's LSF cluster.

ToDo

- SSH plug-ins,
- "out of server" UI,
- native Mac OS X implementation of UI,
- AliEn plug-in.