

The Parallel ROOT Facility, PROOF, is an extension of ROOT enabling interactive analysis in parallel on clusters of computers or many-core machines.

PROOF is primarily meant as an alternative to batch systems for Central Analysis Facilities:

"PROOF on Demand" (PoD) is a solution for private, dynamic PROOF clusters.

• One user can disturb other users.

User

• Admin. interventions are needed.

can entirely control dynamic clusters,

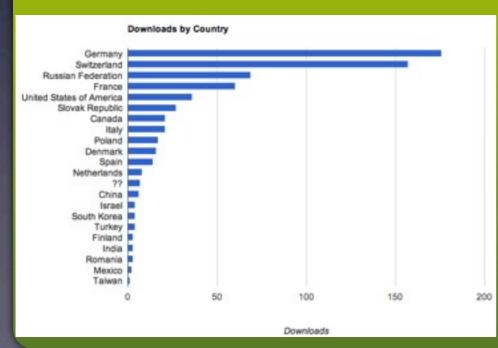
 There is only one ROOT/xrootd version for PROOF services. can setup and use it on demand on any RMS (SSH, LSF, PBS, GridEngine, Condor, gLite...),

• There is a master node limitation.

• can dynamically change an amount of WNs,

PoD is also very popular outside of GSI:

can select a preferable master host,doesn't need admins to take an action,



- doesn't disturb other users.
- 700+ Downloads since June, 2010,

Since 2009 GSI phased out a static PROOF cluster and use PROOF only via PoD.

• used in 22 Countries.

Mainly used by ALICE and FAIR at GSI.

 only in 2011 it has more then 170 downloads from unique IPs

Widely used outside of GSI, for example: it has been chosen by ATALS as an official PROOF tool for T2-T3 sites.