

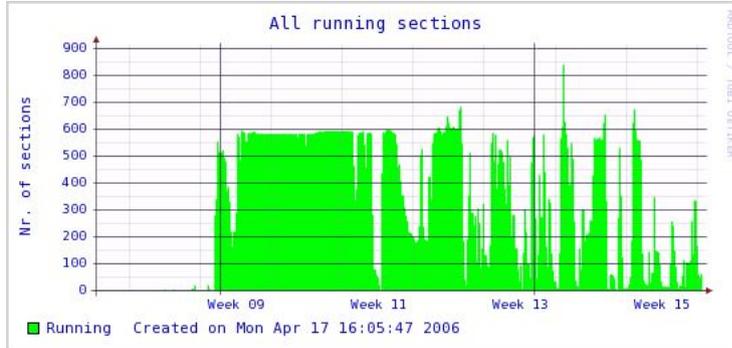
GlideCAF

- Single site version working
 - Web based, all downloads verified by SHA1
 - Optional Squid cache can reduce network load
 - User has both krb5 and X509 proxy
- Still relying on CDFSOFTE being on shared FS
 - Krb5 binaries and compatibility libraries delivered
- Multi site version still in prototype stage
 - Scalability problems found with GCB
 - Being addressed by the Condor team
- Both versions now run all jobs under the same UID

Current GlideCAFs for CDF

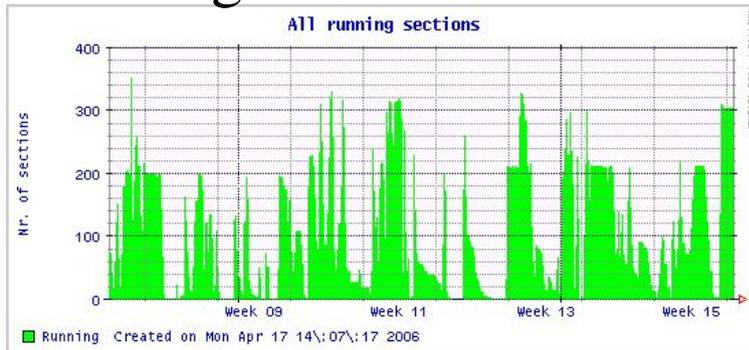
FNAL

800



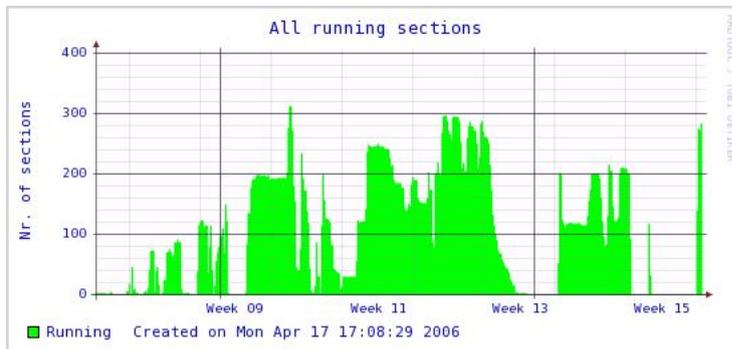
San Diego

400



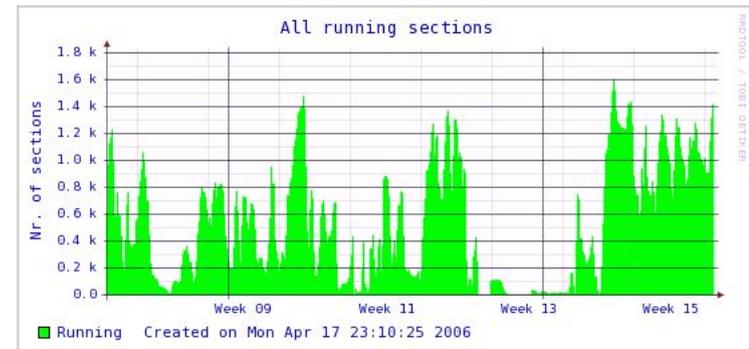
MIT

400



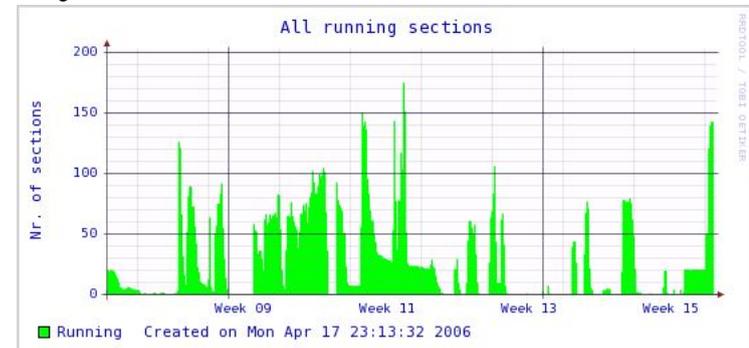
Bologna

1800



Lyon

200

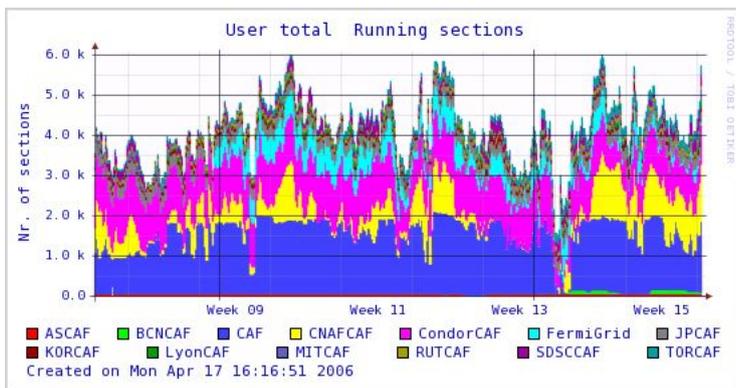


GlideCAF contribution for CDF

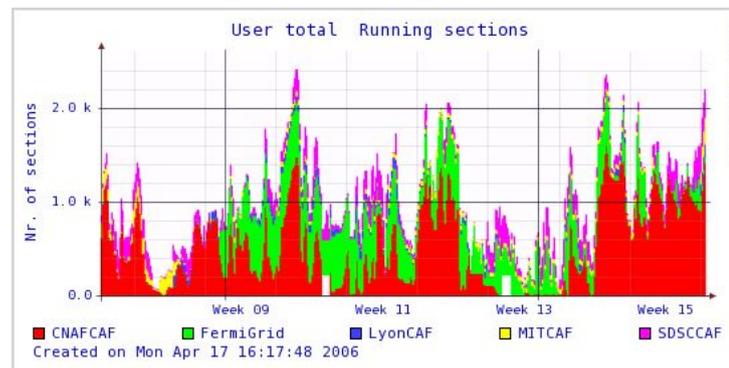
Total

GlideCAFs

6k



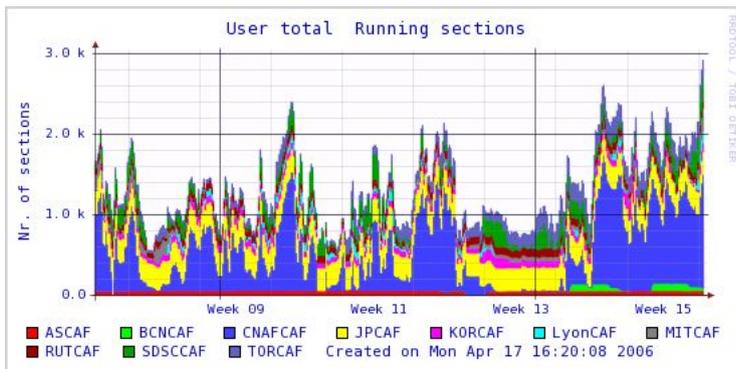
2k



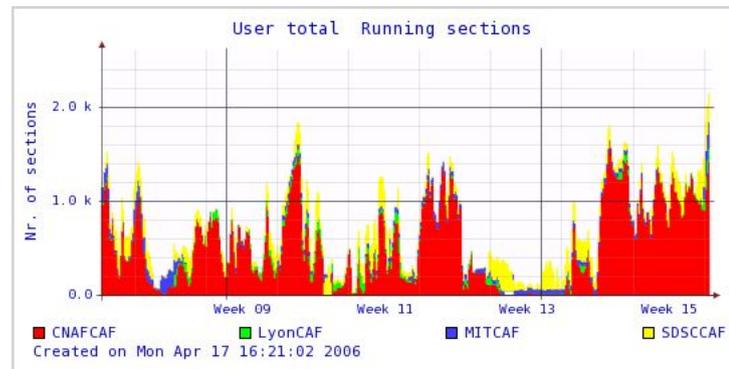
Offsite total

Offsite GlideCAFs

3k



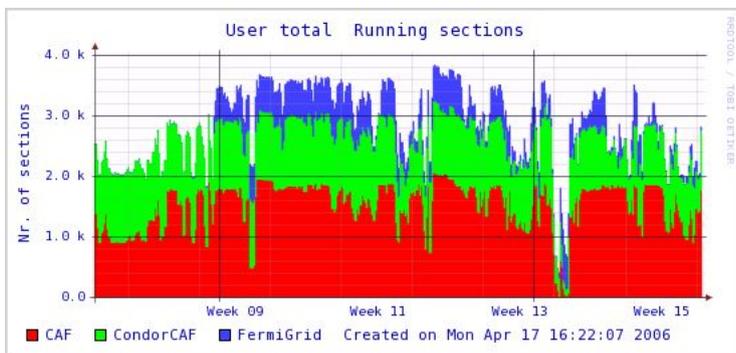
2k



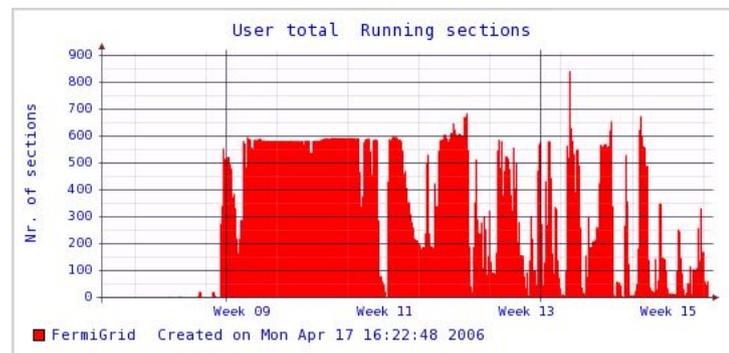
FNAL total

FNAL GlideCAFs

4k



0.8k



GlideCAF future

- Most dedicated dCAFs expressed interest to convert to GlideCAF
- Will try to group dCAFs by region, using GCB, when ready
- Every time we access a new site, initial problems take quite some time to figure out
 - Firewalls, misconfigurations, etc.
- Missing functionality
 - gLExec integration
 - CDFSOFIT independence (Parrot considered)
 - Full transition to x509 (today, output copied to FNAL mostly via krb5)
 - Multi-site pool

Manpower needs

- All important pieces are developed and supported outside CDF
- CDF needs to keep track of new releases, test them, report back bugs and collaborate to get them fixed
- Same logic for missing pieces
- FNAL CAF user support
 - E. Lipeles -> D. Benjamin
- Offsite CAF user support
 - Local admins: <10% FTE per site
 - Coordination: I. Sfiligoi -> ?
- Maintenance & development
 - I. Sfiligoi & M.Norman -> ?