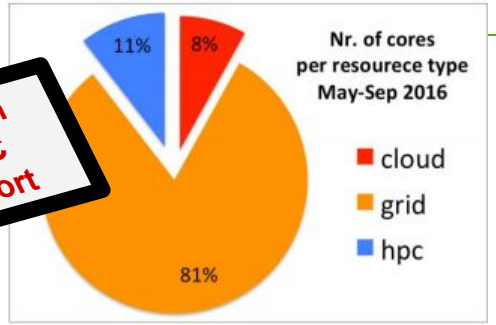
DIRAC
THE INTERWARE

In the meantime...

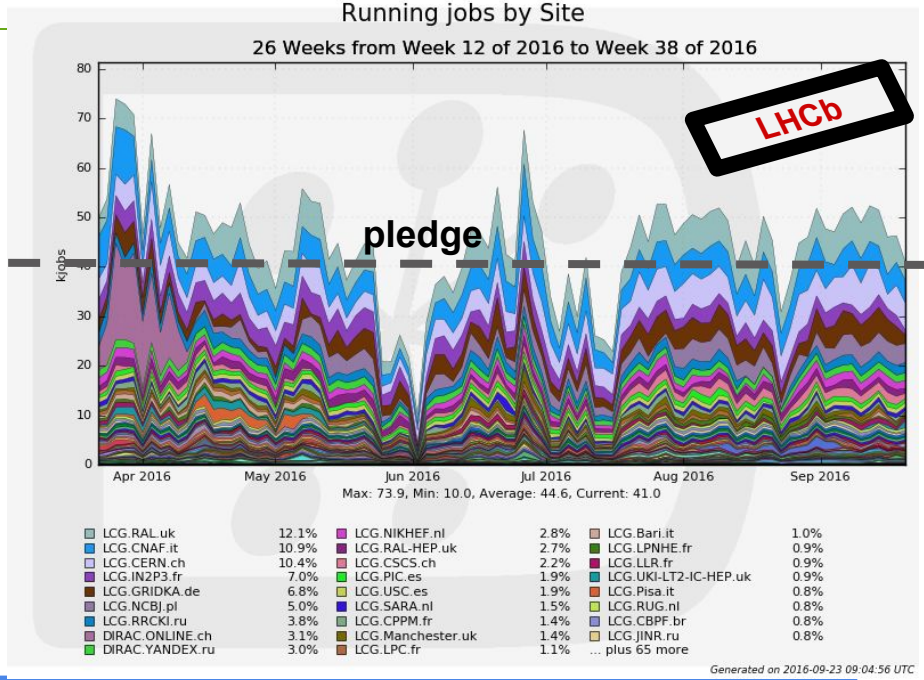
R. McPherson
127th LHCC
ATLAS report



20% of data processing happens today on non grid resources

Integration of non Grid resources in ATLAS is a big investment with a big return

Automation is the key



It seems like the grid is not anymore "The Grid"

Heterogeneity is the norm

(WLCG, CREAM, ARC, HTCondor, HLT, HPC, Opportunistic, Volunteer, Virtual Machines, clouds, vac, BOINC, containers, Docker…)

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DIRAC approach

Pilots are the "federators"

Send it

as a "pilot job"

Or just **Run it!**

e.g. as part of the contextualization of a (V)M

OR

"Make a machine a pilot machine, and you are done"