

# OSG Technology Group - Area Coordinators

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# Key Initiatives

- Current:
  - HTCondor-CE: Next version. Focus is primarily on .
  - gWMS usability: Includes RSV-for-VOs (aka GridEx) and packaging parrot integration.
  - OASIS v2: Improved monitoring, automation.
- Recently handed off:
  - HTCondor-CE: Initial version.

# Top Concerns

- What is the OSG Strategy for clients?
  - OSG client (heavily Condor-G based) is not particularly useful.
  - Plans for improving VO frontend packaging is not useful.
- Several projects build on gWMS v3; unclear when that will be in use in OSG.
- Cross-CE: no progress

# HTCondor-CE

- Initial version released yesterday!
- Several follow-up tasks (verify documentation, RSV bugs).
- Biggest “technology group” follow-up is validation of additional batch system backends.
- Due to the internal design, the first non-HTCondor batch system will be the most work. After that, “rinse and repeat”.

# gWMS Usability

- Parrot integration: Work done, waiting on gWMS 3.2.1 release (early October?). Likely will be in OSG 3.2.0.
- RSV-for-VOs: Work to be done during September.
- Remainder of 2013: file transfer plugins, local environment validation.

# Possible Upcoming Initiatives

- Information services: We're starting to hear rumblings (from NoVA / Fermilab) about improving info services. Nothing planned, but I wouldn't be surprised if there's a request over the next few months.
- Particularly, the HTCondor-CE provides new opportunities. We've also had requests for better runtime SE discovery.
- OSG-ET will be discussing cloud vision end-of-September.

# Other

- HTCondor coordination:
  - Shared data: Progressing, but slowly, in the HTCondor team. I'd guess delivery will be May 2014.
  - Improved file transfer plugin mechanism: No progress. I am not optimistic.
  - Job monitoring via condor\_chirp: will be in 8.1.2 / 8.1.3.
  - BOSCO: With HTCondor 8.1.2, we can actually release BOSCO via RPMs!
- gWMS coordination:
  - Much improved compared to last report.
  - Still need to plan "condor\_q -analyze" equivalent for glideinWMS!