



IJP Roadmap

ICAT F2F November 2017

Brian Ritchie

Recent developments

- Support for dataset versioning
- Support for provenance linking
- Dynamic loading/refreshing of Job Types
- Add input/details browser to Configure Job dialog
- Keep session alive until jobs have finished
- Batch connector for HTCondor



Current status

- One active customer, Octopus (CLF)
- Test systems in place (internal dev, Octopus dev, Octopus pre-prod)
- Not yet in production
 - Data storage provision in progress
 - Use Singularity to provide common image on worker nodes
- Batch connectors
 - HTCondor – main focus of development now
 - Torque (no longer in active use)
 - Unix batch (for demos/tests)
 - Platform LSF (incomplete; superseded by HTCondor)



Future development

- Turn HTCondor batch connector into a proper service
- Expand IJP server/batch connector interface
 - Improve batch system brokering
 - Add batch requirements to job types (e.g. requires GPU)
 - Probably similar to HTCondor ClassAds

