

Elastic Condor Pool

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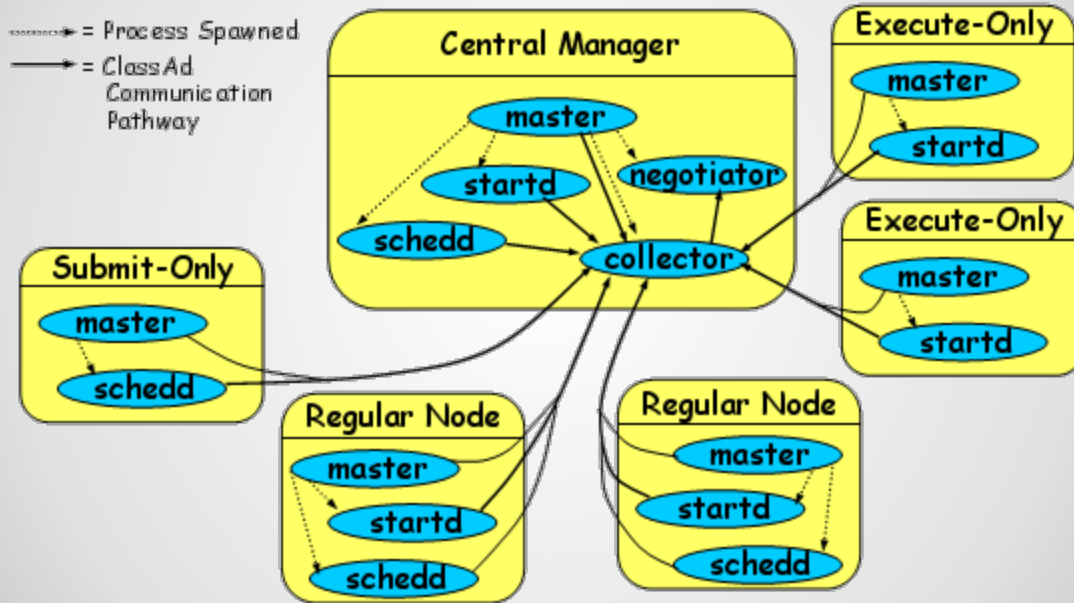
Objective

- Build an elastic Condor pool
- Measure cost and performance of Condor pool alone vs Condor pool with ability to use Amazon EC2 machine

Process

- Create an Amazon EC2 instance
- Create master Condor machine on Ubuntu
- Allow workers to be initiated and added to the pool on the fly
- Make test script to test on Condor & EC2
 - Scale # of EC2 instances needed for each job
 - Benchmark performance of jobs on Condor alone vs on EC2

Process



Challenges

- Attempting to set up AFS
- Condor operation in different operating systems

Next Steps

- Create test script to compare system performances
- Dynamic EC2 integration to Condor pool
- Run benchmarking tests to evaluate performance

Questions

