

Condor submission

LING 572

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Week 2: 1/14/2010

Condor submission tutorial

- <http://staff.washington.edu/brodbd/orientation.pdf>
- Especially Slide #22 - #28.

For a command we can run as:

```
mycommand -a -n < mycommand.in >mycommand.out
```

The submit file might look like this: save it to *.cmd

Executable = mycommand

← The command

Universe = vanilla

getenv = true

input = mycommand.in

← STDIN

output = mycommand.out

← STDOUT

error = mycommand.error

← STDERR

Log = /tmp/brodbd/mycommand.log

← A log file that stores the results
of condor submission

arguments = "-a -n"

← The arguments for the command

transfer_executable = false

Queue

Submission and monitoring jobs on condor

- Submission:
condor_submit mycommand.cmd
=> get a job number
- List the job queue:
condor_q

Status changes from “I” (idle) to “R” (run) to

- “H”: means the job fails. Look at the log file specified in *.cmd
 - Disappeared from the queue: You will receive an email
- Use “man condor_q” etc. to learn more about those commands.

The path names for files in *.cmd

In the *.cmd file:

Executable = aa194.exec

input = file1

- The environment (e.g., ~/.bash_profile) might not be set properly
- It assumes that the files are in the current directory (the dir where the job is submitted)

=> Use the full path names if needed.