



Decentralized Control flow:

- Master/RE-Manager is used to set the job descriptions and launch the BigJob.py(BigJob Manager) which posts the job description to the advert service.
- As and when a BigJob becomes active, BigJob.py launches the BigJob agents.
- The bigjob agents poll for jobs in the advert server and allocate the resources to the subjobs
- The subjob in this case is the replica. The replicas are now launched
- The bigjob agents launch their respective replicas and monitor them
- the bigjob agent collects the results and posts them to the advert server.
- the Master queries the advert server for updated states/results and if it find two matching replicas, it conducts an exchange