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MANUAL

LIST-OF-FILES:

1.client.py
2.credential.py [contains AWS KEY AND ACCESS ID]
3.worker.py
4.writer.py
5.data[resides in Worker folder]
6.install.sh
7.workerCopy.sh

PREREQUISITE-STEPS:

1.Before Running program run install.sh to ensure boto installed on machine, which is essential for SQS/DynamoDB in Python.
2.Generate dataset as per given argumanet instruction to generate file with desired sleep time and tasks.
3. Copy Hostname of Clients into one file on server in filename hostname_client.
3.For Remote Experiment execute workercopy.sh on client to copy required file to the client.
4.Copy the Amazon Secret Access Key and ID into credential.py

File Arguments:

Data_Generation:
python writer.py -t [number of Task] -v [Sleep Time]

For local worker:
python client.py -s LOCAL -t [number of threads] -w <WORKLOAD_FILENAME>

For Remote Client:
python client.py -s [Queue_NAME] -w <WORKLOAD_FILENAME>

For Remote Worker:
python worker.py -s [Queue_NAME] -t [Number of Workers]

How--to--Run-?

1. Fulfill the PreRequisite steps
2. For local Experiment, Just run file client.py with the above mentioned arguments.
3. For Remote Client, Run client.py with required argument
3. Run worker.py for remote worker with required argument.