

Host Scripts

User Specified files, scripts, etc.

Monte-moas scripts

Comments, other notes

host_loop.sh

```
while ( queue_complete ≠ yes || perpetual = yes )
|   update_queue.sh
|   update_job_dirs.sh
|   update_repo_links.sh
|   Sleep for 5 minutes
|   if ( force_quit file exists )
|       | exit
|   endif
done
Wait 5 minutes ← for last results to come in
update_queue.sh
```

update_job_dirs.sh

```
for each dir in /home/monte/monte-moas/job_dirs/
|   copy, zip, encrypt
|   move encrypted copy to /home/web/monte/clients/job_dirs
done
```

update_repo_links.sh

```
/home/monte/monte-moas/repo_links.txt
copy, zip, encrypt
move encrypted copy to /home/web/monte/clients/repo_links.txt
```

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update_queue.sh

```
Queue_complete = yes
for job_file in host_job_queue.txt
do
    num_runs_des = desired runs (as set in queue)
    num_runs_act = count number of subdirs in
                    yodacora/monte-moos/results/job_path/
    num_runs_csv = count number of results.csv files in
                    yodacora/monte-moos/results/job_path/
    num_compiled_csv = count lines in
                        web/monte/results/job_path/results.csv
    num_runs_web = count number of results.csv files in
                    yodacora/monte-moos/results/job_path/
    num_compiled_web = count number of subdirs in
                        web/monte/results/job_path/post-processed/
    if (num_runs_act < num_runs_des)
    |   Queue_complete = no

    if ((num_runs_csv != num_compiled_csv) ||
        (num_runs_web != num_compiled_web))
    |   update_results.sh

    replace current line in host_job_queue.txt with:
        job_path num_runs_des num_runs_act

done
Copy, encrypt host_job_queue.txt
move host_job_queue.txt.enc to /home/web/monte/clients
if (Queue_complete = yes)    exit 0
else    exit 1
```

Counts everything sent from
all clients for that job

Determines if results.csv
and plots need to update

Determines if
post-processed/* needs to
be updated

takes the current
job as an argument