YES

NO

YES

NO

**STOP**

NO

YES

NO

YES

YES

NO

No Shared States

Cur\_process < NoOfProcessess

Cur\_process < Processes

Done ?

Processes =[ ]

Counter =0

Lock =1

Optimizer Shared States

Join Processes

Append Processes

Append Processes

Sync with Shared Model

Sync with Shared Model

Sync with Shared Model

1. Create Actor Critic Model
2. Model train
3. Get State
4. Create Actor Critic Model
5. Model train
6. Get State
7. Create Actor Critic Model
8. Model train
9. Get State

Normalize Env

Normalize Env

Normalize Env

Process Frame 42

Process Frame 42

Make Env

Make Env

Make Env

Process Frame 42

1. Sync with Shared Model
2. Shared grads
3. Sync with Shared Model
4. Shared grads
5. Sync with Shared Model
6. Shared grads

Done ?

1. Create Actor Critic Model
2. Model Eval
3. Get State
4. Create Actor Critic Model
5. Model Eval
6. Get State
7. Create Actor Critic Model
8. Model Eval
9. Get State

Normalize Env

Normalize Env

Normalize Env

Process Frame 42

Process Frame 42

Process Frame 42

Make Env

Make Env

Make Env

Create Actor Critic Model for env

Shared Memoryfor Actor Critic Model

Main

Make Env

Process Frame 42

Normalize Env

Shared ?