

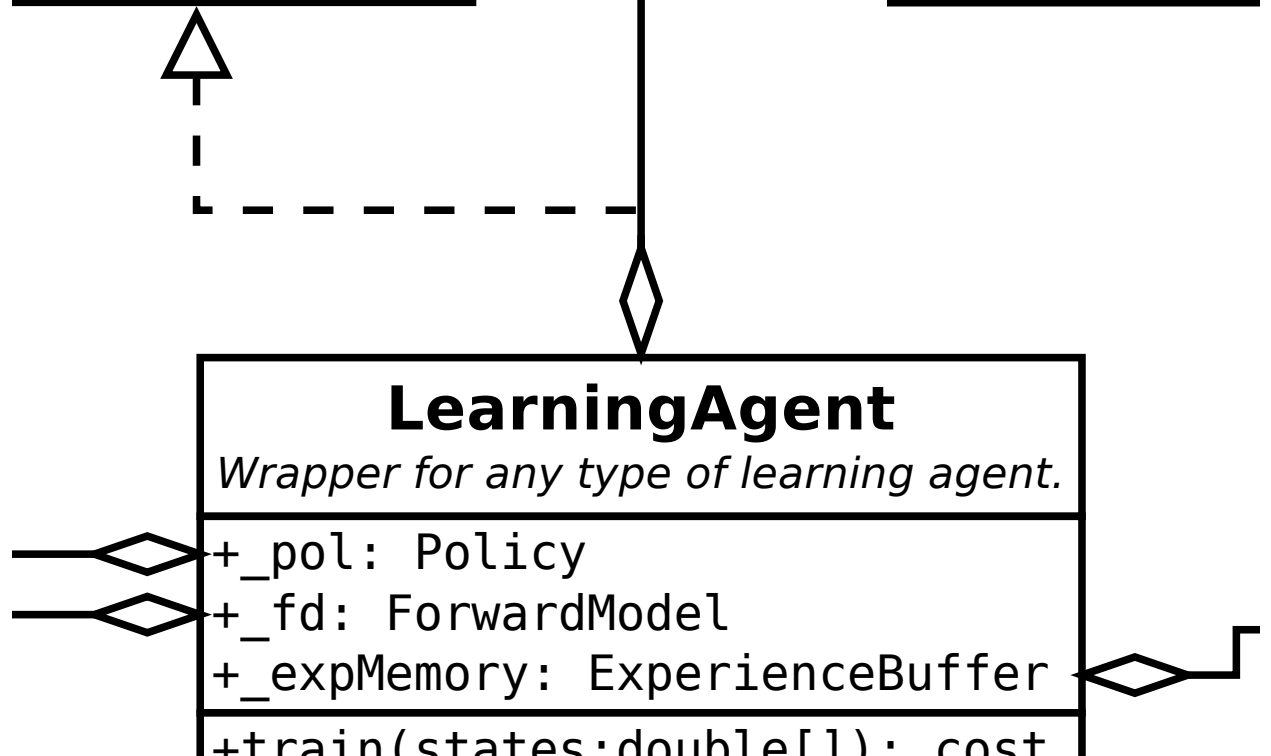
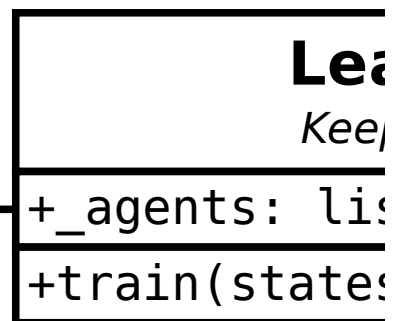
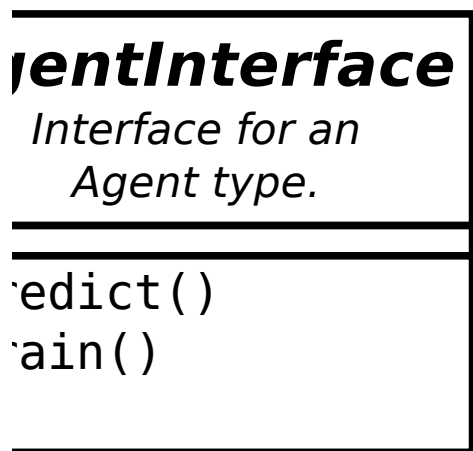
learn

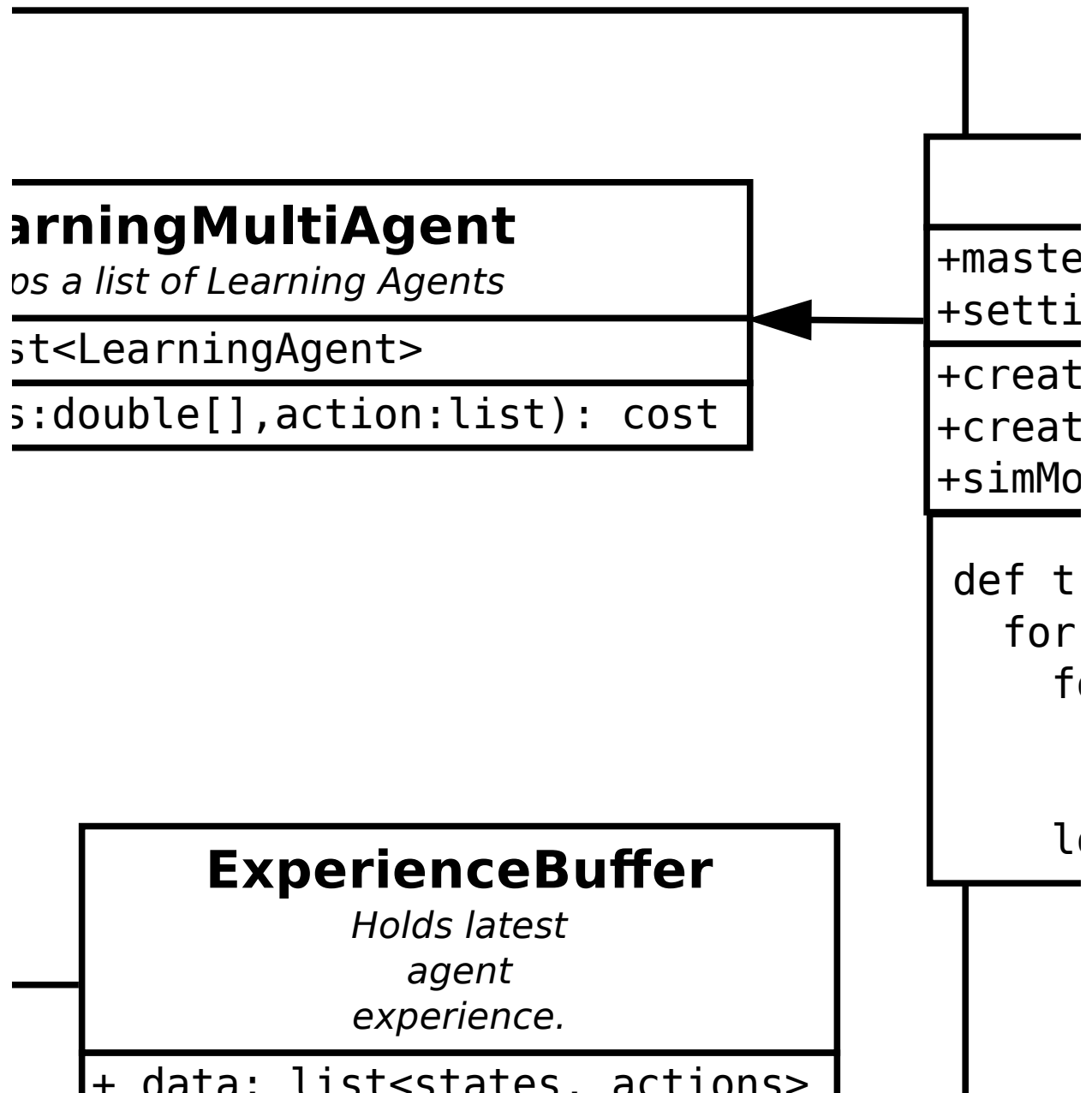
Ag

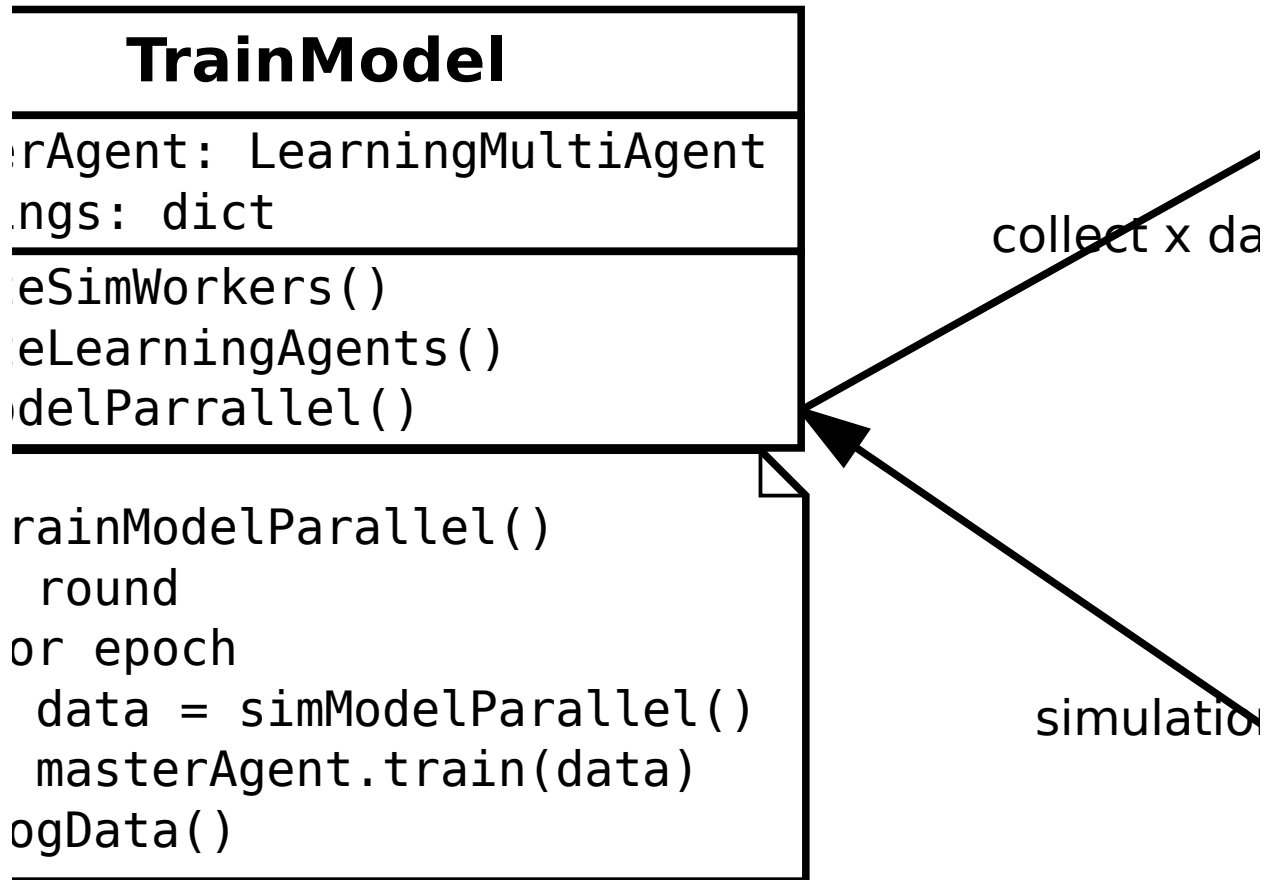
+pr

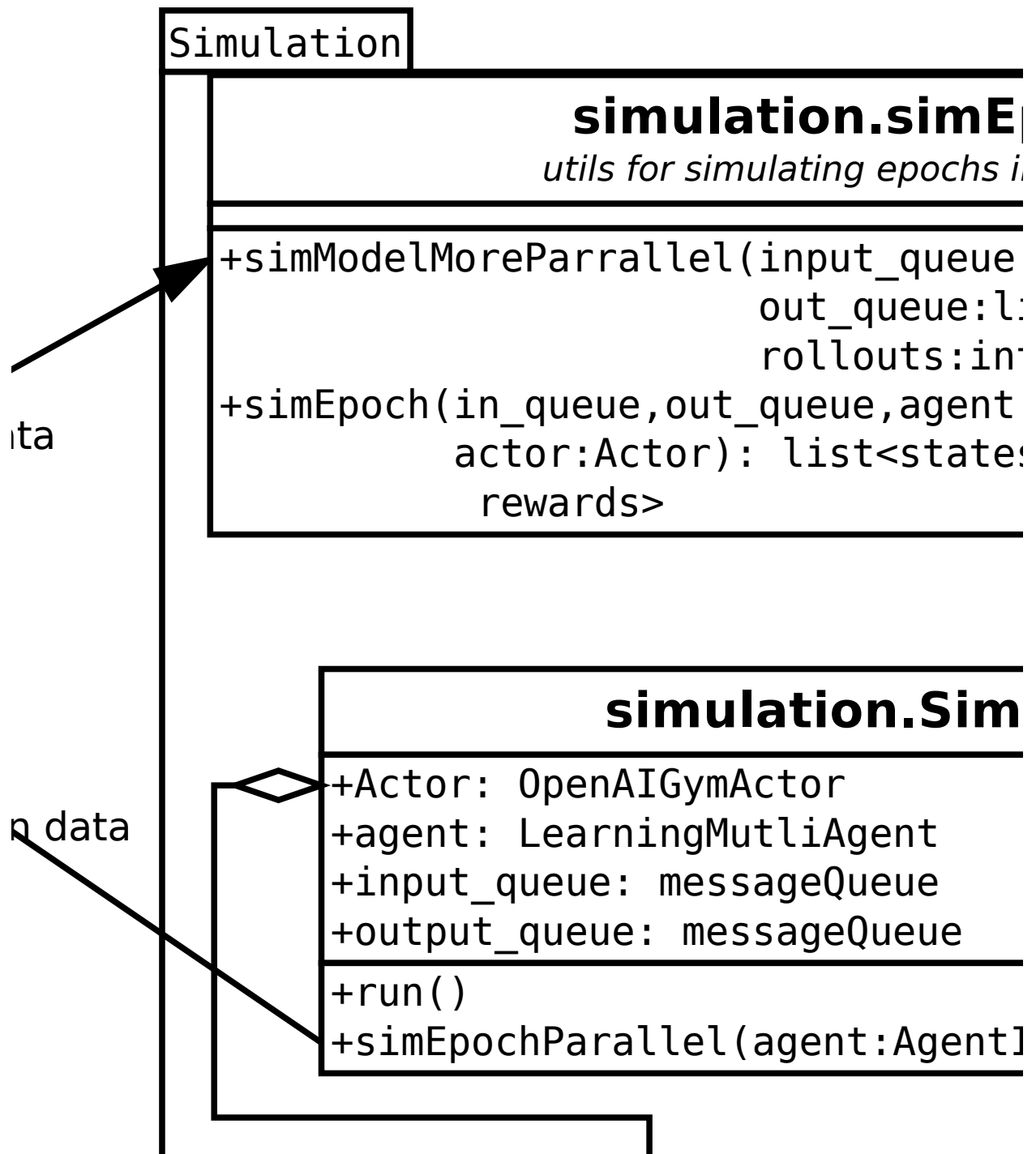
+tr

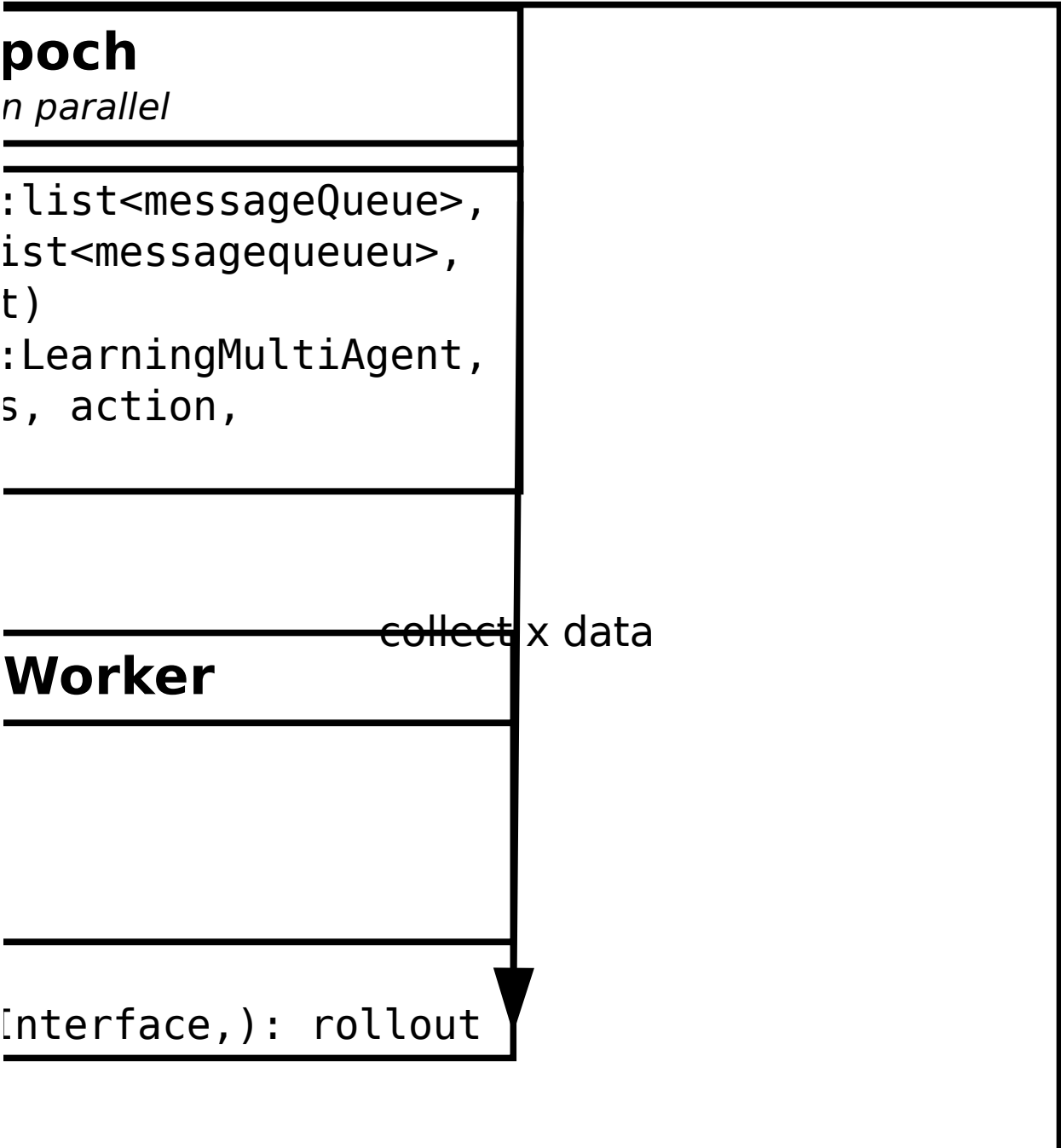
+()

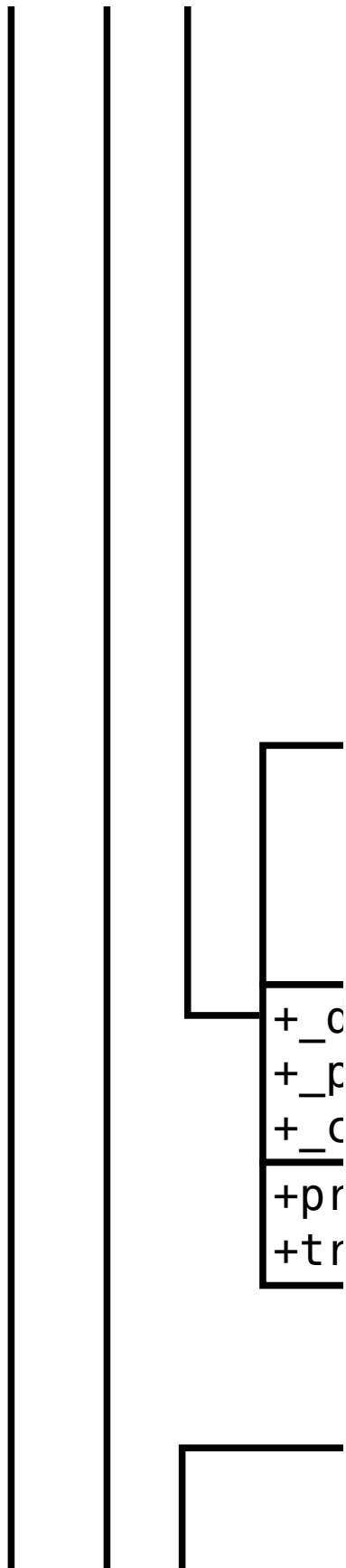












```
def train(data)
    putDataInExpMem(data)
    data_batch self._exp.get_batch()
    self._fd.train(data_batch)
    self._pol.train(data_batch)
```

algorithm.PPO_KERAS

*Holds latest
agent
experience.*

data: list<states, actions>

pol: network

critic: network

predict(state:list<double>): action

train(states,actions,advantage): loss

ForwardDynamics

Method to

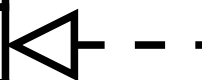
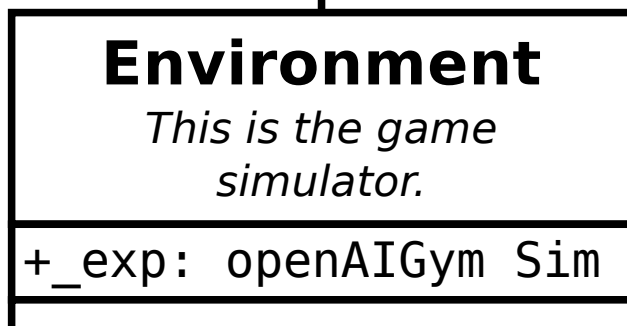
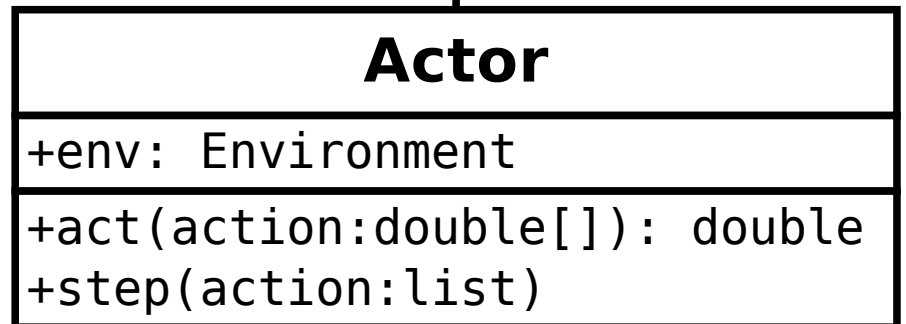
`+_data: list<states, actions>`

algorithm.AlgorithmInterface

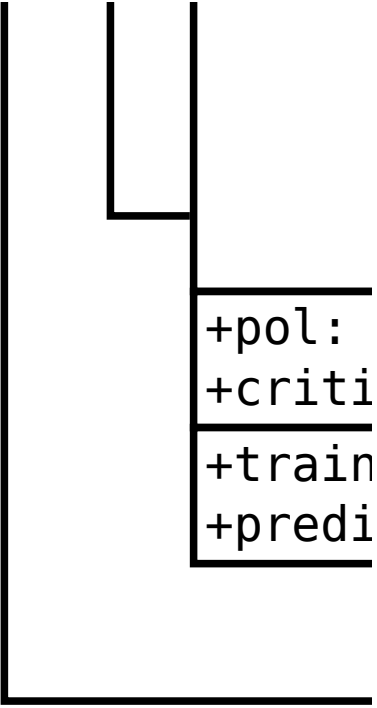
Interface for a learning algorithm

`+_data: list<states, actions>`

`+predict(state): action`



- - - **BulletPhsyics**



+pol:
+criti
+train
+predi

*calculated the
forward dynamics
from a current
state and
selected action.*

network

.c: network

i(states,actions,next_states,reward)

.ct(states,actions)

