# The Semantic Process as a Reinforcement Learning Algorithm

What will identify the Semantic Process as a reinforcement learning algorithm?

* Multiple goals / agents working against one another
* Evolution in time
* Maintain environment state
* Updates of the environment state at every moment in time and learn from past actions of the agents
* Evolution of a steady state
* Maximize some (possibly unknown) cumulative objective over time

The Benefits of building a mathematical model as a Reinforcement Learning Algorithm

* The model becomes easily extensible
* The execution speed of the model is high as the most time-consuming part is updating each agent state and the environment state at discrete moments of time
* The model is relatively easy to maintain

Alternatives management can be formulated as Reinforcement Learning process.

Activity scheduling can be formulated as Reinforcement Learning process as well.