

### Assignment 1:

- 1) Create a folder where you want to place your model.
- 2) Copy template.xml file here
- 3) Append the template.xml file
  - a. Add 'Fox' agent, memory variables-> '*foxX, foxY*'
  - b. Add function '*chaseRabbits*' current State 00, next state 01
    - i. Input message '*rabbitInformation*'
  - c. Add 'Rabbit' agent, memory variables -> '*rabbitX, rabbitY, id*'
  - d. Add function '*rabbitLocation*' currentState 00, next state 01
    - i. Output message '*rabbitInformation*'
  - e. Add function '*rabbitMove*' currentState 01, nextState 02
  - f. Add message details for '*rabbitInformation*', add variables-> '*rabbitId, rabbitX, rabbitY*'

### Things to remember:

- All messages should have an input and an output.
- All agents should have one start state
- All functions of the any one agents can be linked up in a chain