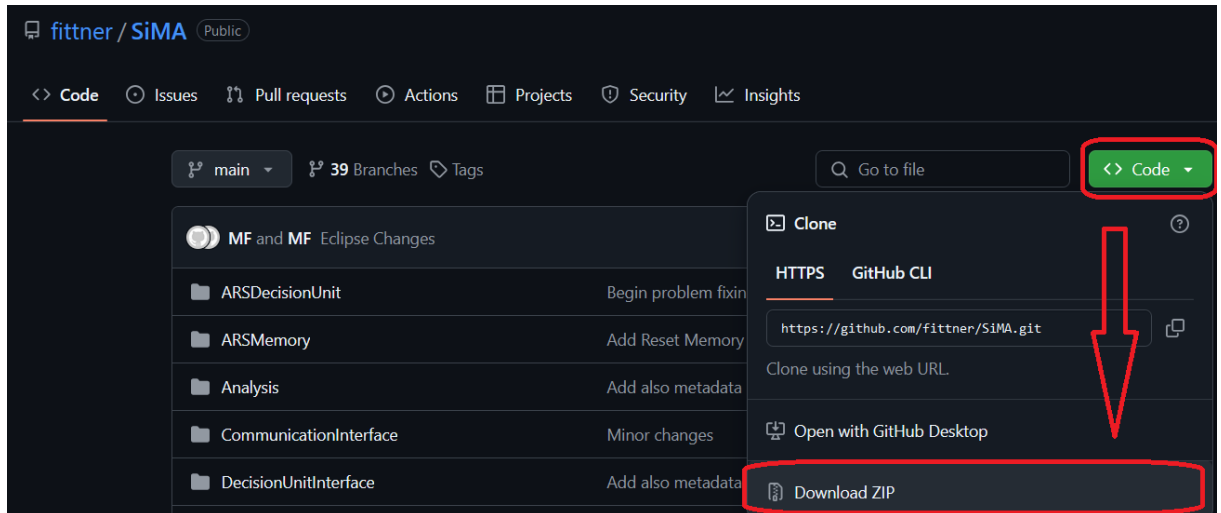


SiMA – Installation

1. Download SiMA on Git-Hub:

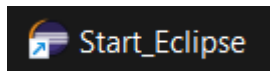
<https://github.com/fittner/SiMA>



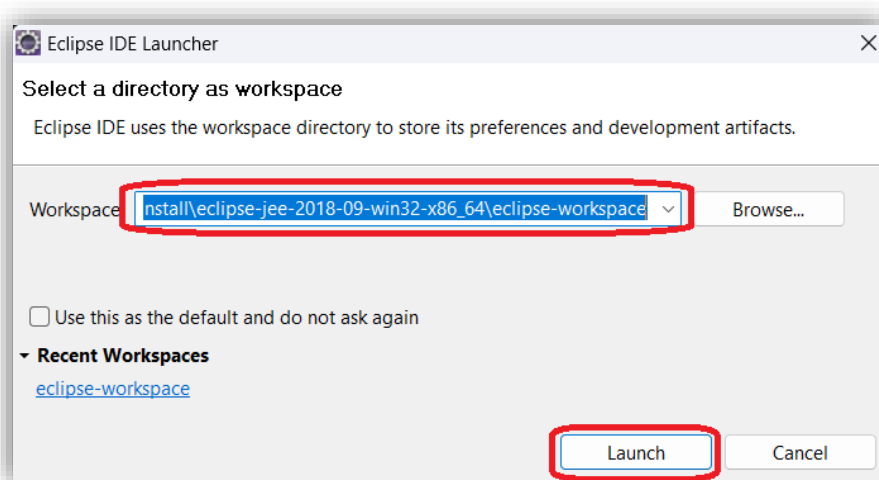
2. Unzip to C:\workspace\SiMA (C:\workspace\SiMA\ARSDecisionUnit ...)
If you use a different path it should work too but the Eclipse workspace location must be adapted later.

Start the SiMA-Simulation-Environment

1. Go into the installation folder SiMA and souble click: Start_Eclipse



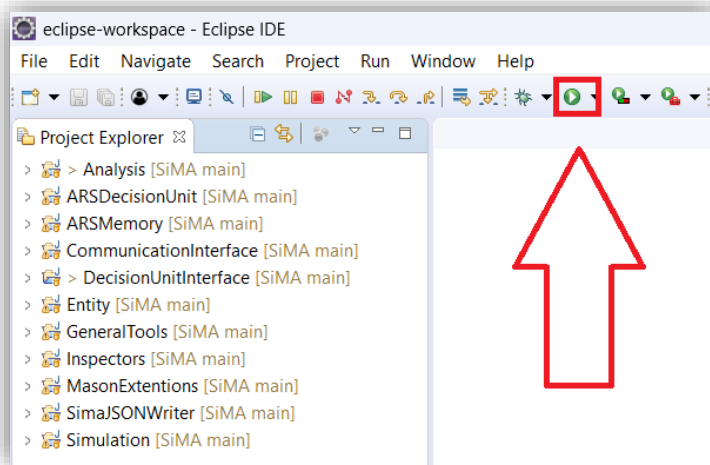
2. At the Eclipse IDE Launcher enter the Workspace directory (default is OK if you installed in C:\workspace\SiMA; if not enter eclipse-workspace folder location) and click on Launch



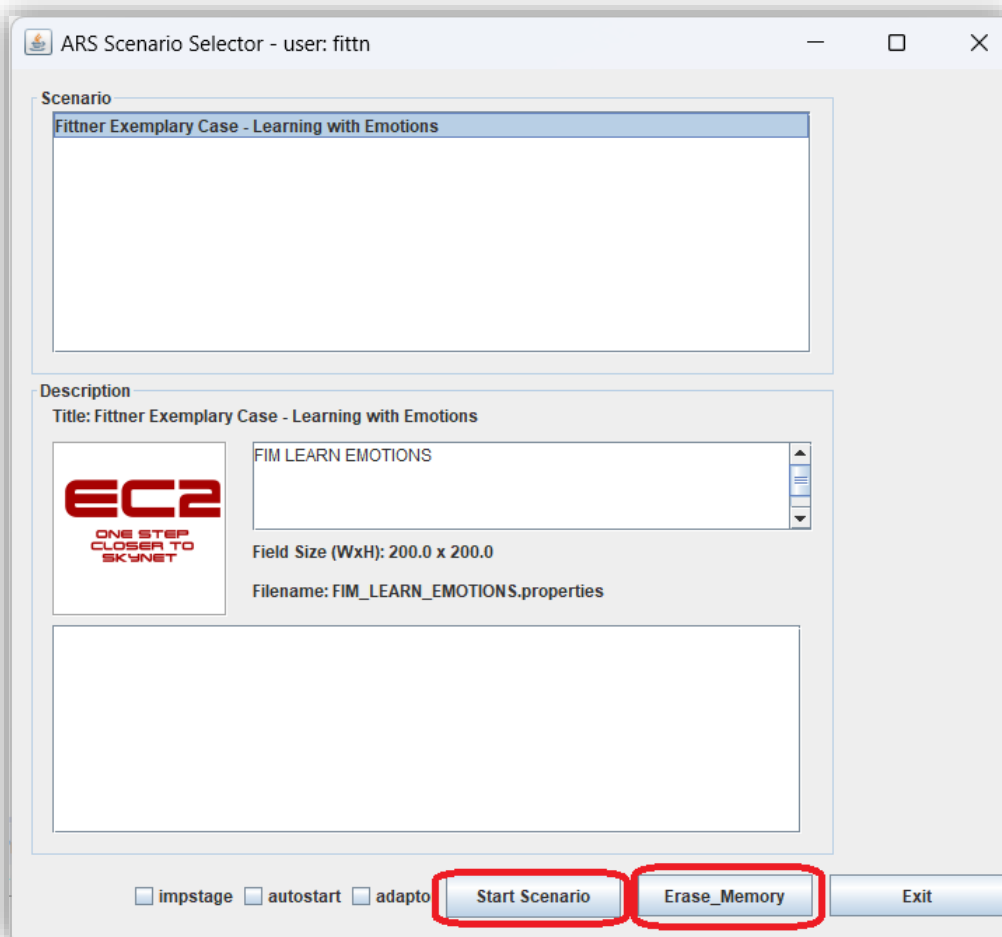
3. Now you should see the Eclipse IDE

Start the SiMA-Simulation

1. In the Eclipse IDE click on Run

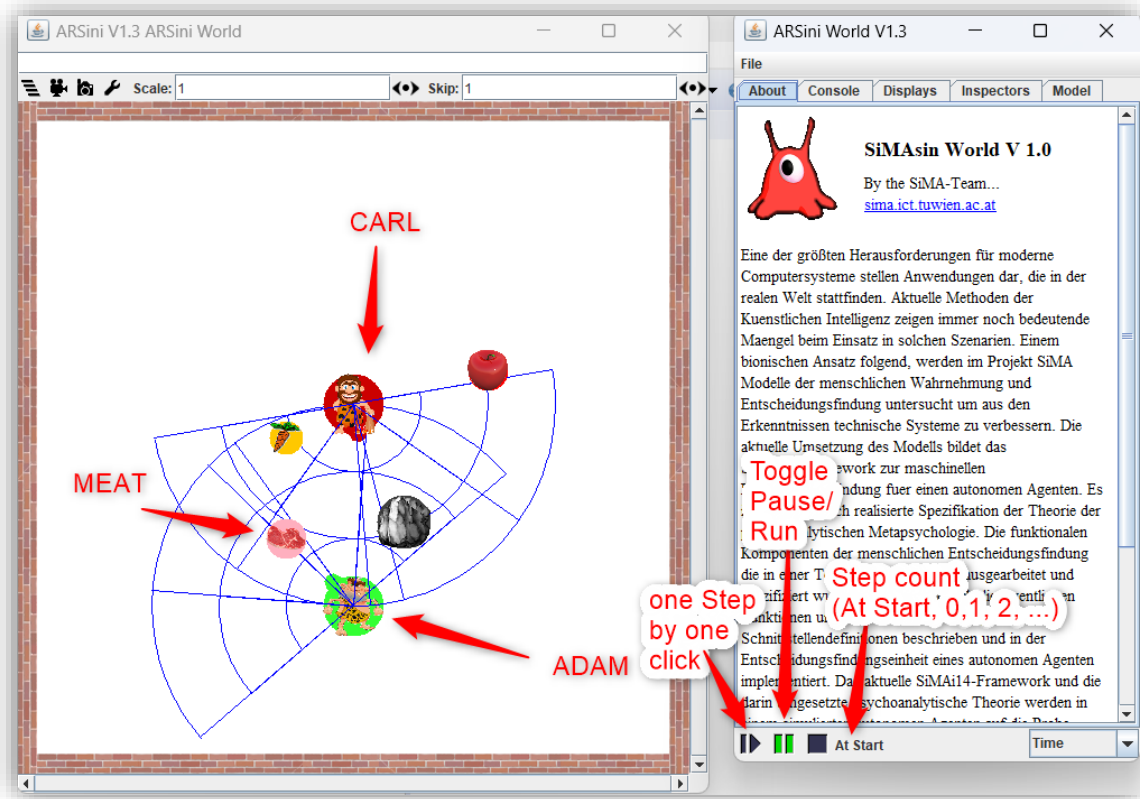


2. Then the Scenario Selector will open:

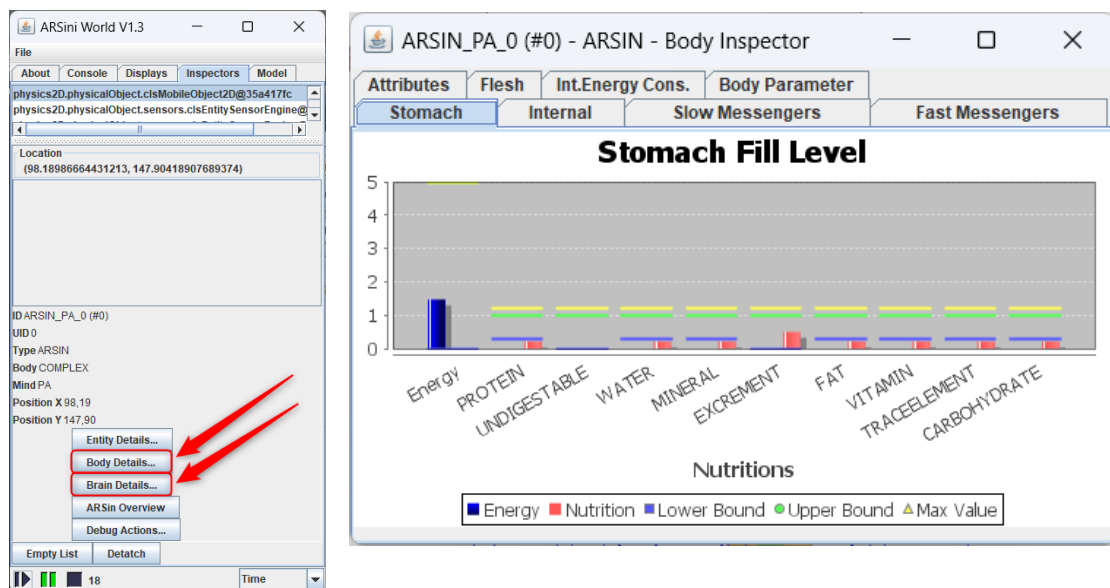


3. At the Scenario Selector click Start Scenario to run the simulation. In the Learning with Emotions Scenario the agent Adam (Agent0) modifies its memory after his experience with agent Carl. That can be erase/rosetted with the Button Erase_Memory.

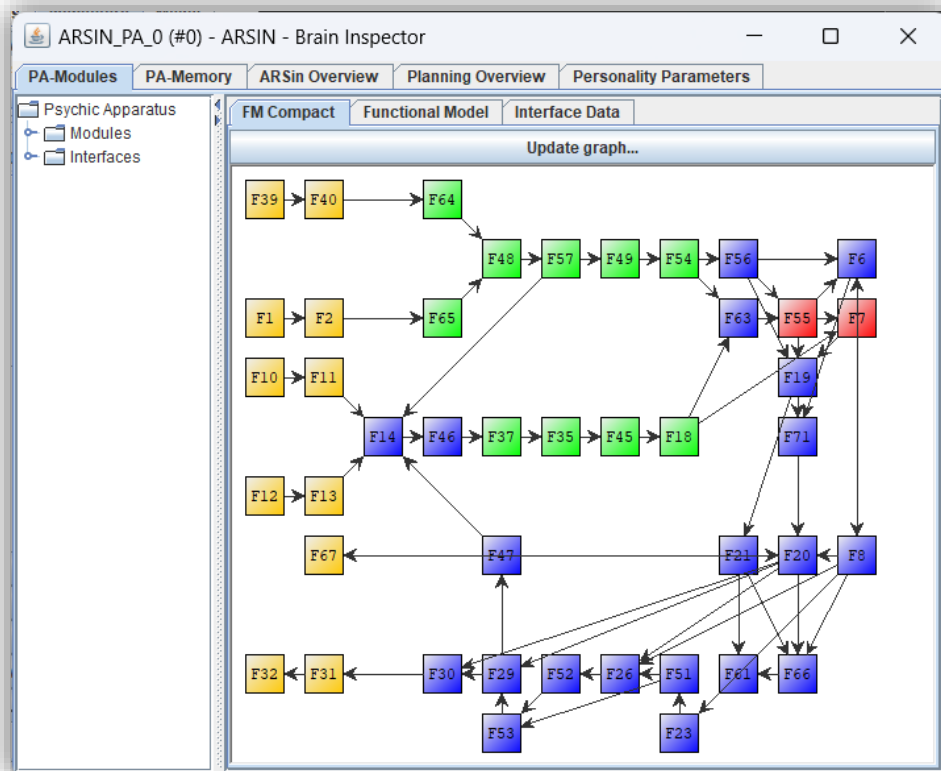
4. Now the Simulated world (left) and the control of the simulation (right) appear. Then you can run (with the pause button) or step through the simulation. The Step count will show you the actual step you currently are simulating.



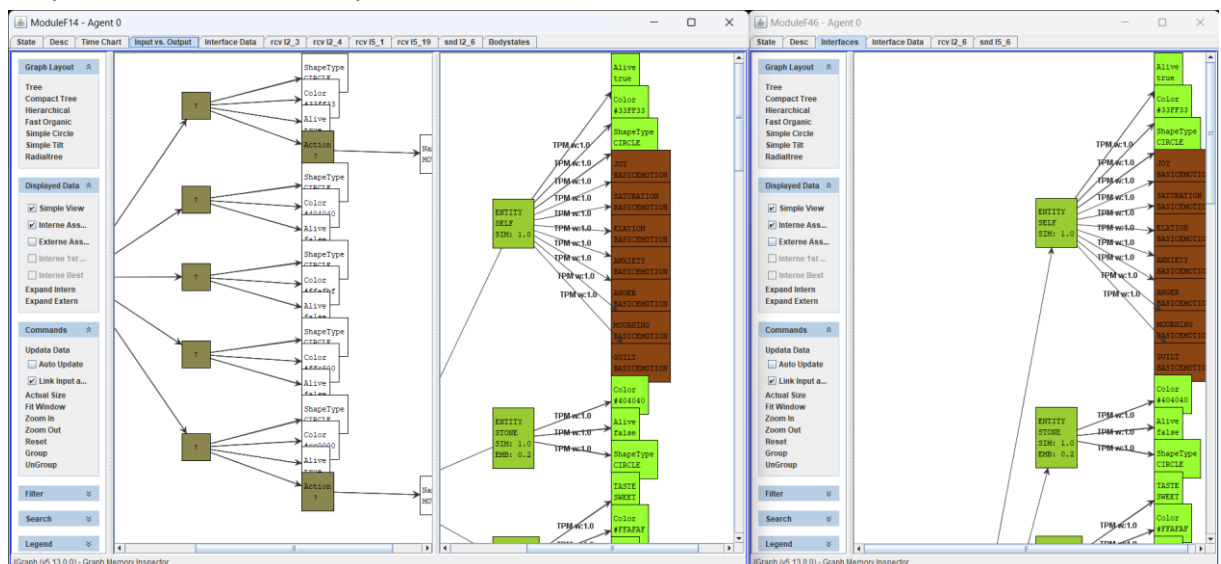
5. In the Simulation control select Inspector to enter the details of the simulated Agents and objects. For an agent you also have Body and Brain Details. The Body Inspector can show body states.



6. The most important inspector is the brain inspector. There all functions can be monitored. To open a function (Fxx) inspector double click on it. If you would like to open more than one function hold ALT (on the keyboard) and double click the functions.



7. Inspectors F14 and F46 open:



Here the visual objects are combined with memories in F14 and handed over to F46.

SiMA-Memory – Ontology Editor

If you would like to change the memories of an agent you must download an clips Editor like Protégé (don't use a Version higher than 3.5 because C-Lips is not supported any more):

https://protege.stanford.edu/download/protege/3.5/installanywhere/Web_Installers/

(Install with VM!)