<https://github.com/candido67/inteligencia-artificial-Agosto-Diciembre-2021.git>

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<https://www.javatips.net/api/sos-ws2010-mas-master/jade-4.0.1/src/examples/behaviours/SimpleAgent.java>

**public** **class** SimpleAgent **extends** Agent {

**protected** **void** setup() {

System.**out**.println("Agent "+getLocalName()+" started.");

// Add the CyclicBehaviour

addBehaviour(**new** CyclicBehaviour(**this**) {

**public** **void** action() {

System.**out**.println("Cycling");

}

});

// Add the generic behaviour

addBehaviour(**new** FourStepBehaviour());

}

/\*\*

\* Inner class FourStepBehaviour

\*/

**private** **class** FourStepBehaviour **extends** Behaviour {

**private** **int** step = 1;

**public** **void** action() {

**switch** (step) {

**case** 1:

// Perform operation 1: print out a message System.**out**.println("Operation 1");

**break**;

**case** 2: // Perform operation 2: Add a OneShotBehaviour System.**out**.println("Operation 2. Adding one-shot behaviour"); myAgent.addBehaviour(**new** OneShotBehaviour(myAgent) {

**public** **void** action() {

System.**out**.println("One-shot");

}

}); **break**;

**case** 3:

// Perform operation 3: print out a message System.**out**.println("Operation 3");

**break**;

**case** 4: // Perform operation 3: print out a message System.**out**.println("Operation 4");

**break**;

}

step++;

}

**public** **boolean** **done**() {

**return** step == 5;

}

**public** **int** onEnd() {

myAgent.doDelete();

**return** **super**.onEnd();

}

} // END of inner class FourStepBehaviour

}