



```

<task name="EmptyDetector">
  <tasktype>EmptyDetector</tasktype>
  <ticksperrun>3</ticksperrun>
  <param name="area" type="int">100</param>
  <param name="backgroundColor" type="int">-1</param>
  <param name="node" type="string">empty</param>
</task>

<task name="EmptyCodelet">
  <tasktype>BasicAttentionCodelet</tasktype>
  <ticksperrun>5</ticksperrun>
  <param name="nodes" type="string">empty</param>
  <param name="refractoryPeriod" type="int">30</param>
  <param name="initialActivation" type="double">1.0</param>
</task>

<module name="ProceduralMemory">
  <class>edu.memphis.corg.lida.proceduralmemory.ProceduralMemoryImpl</class>
  <param name="proceduralMemory.ticksPerStep" type="int"> 14 </param>
  <param name="scheme.1">if red square, press 1|(red,square) ()|action.pressOne| () |0.01</param>
  <param name="scheme.2">if blue circle, press 2|(blue,circle) ()|action.pressTwo| () |0.01</param>
  <param name="scheme.3">if empty screen, release|(empty) ()|action.releasePress| () |0.01</param>

```

[em funcionamento]

The screenshot shows the LIDA Framework interface. At the top, the status bar indicates 'Running' with 'Current tick: 4471' and 'Step mode: 0'. Below this, the 'ButtonEnvironment' panel shows a red square on a white background. To the right, the 'Procedural Memory' panel displays a 'PAM Table' with the following data:

Node	ID	Current Act...	Base-Level...	Threshold
None	0	0,0000	0,0000	0,5000
Lateral	1	0,0000	0,0000	0,5000
Parent	2	0,0000	0,0000	0,5000
Feature	3	0,0000	0,0000	0,5000
red	4	1,0000	0,1000	0,5000
blue	6	0,0000	0,1000	0,5000
square	8	1,0000	0,1000	0,5000
circle	10	0,0000	0,1000	0,5000
empty	12	0,0000	0,1000	0,5000

LIDA Framework

File Panels Help

Start / Pause **Running** Current tick: 6931 Step mode: 0 Run ticks: Tick duration (ms): 50

ButtonEnvironment

Refresh



Button 1 Button 2

Global Workspace Procedural Memory Action Selection CSM

PAM Table PAM Graph Activation Chart

Refresh

Node	ID	Current Acti...	Base-Level...	Threshold
None	0	0,0000	0,0000	0,5000
Lateral	1	0,0000	0,0000	0,5000
Parent	2	0,0000	0,0000	0,5000
Feature	3	0,0000	0,0000	0,5000
red	4	0,0000	0,1000	0,5000
blue	6	1,0000	0,1000	0,5000
square	8	0,0000	0,1000	0,5000
circle	10	1,0000	0,1000	0,5000
empty	12	0,0000	0,1000	0,5000

LIDA Framework

File Panels Help

Start / Pause **Running** Current tick: 6556 Step mode: 0 Run ticks: Tick duration (ms): 50

ButtonEnvironment

Refresh

Button 1 Button 2

Global Workspace Procedural Memory Action Selection CSM

PAM Table PAM Graph Activation Chart

Refresh

Node	ID	Current Acti...	Base-Level...	Threshold
None	0	0,0000	0,0000	0,5000
Lateral	1	0,0000	0,0000	0,5000
Parent	2	0,0000	0,0000	0,5000
Feature	3	0,0000	0,0000	0,5000
red	4	0,0000	0,1000	0,5000
blue	6	0,0000	0,1000	0,5000
square	8	0,0000	0,1000	0,5000
circle	10	0,0000	0,1000	0,5000
empty	12	1,0000	0,1000	0,5000