

Congratulations on your purchase of your new koala kompute FSM - the most advance computer legally allowed by Watson.

koala kompute FSM is a serialized processor with 1 standard output. There are two modes: *build* and *normal*. You can switch between each by pressing the *M* key.

In buid mode you can *left-click* to add a node and *right-click* to remove a node.

In normal mode you can select a node by *left-click*

### **Adding a new node**

After creating a new node you must first initialize it. First select the node, and fill out the form on the bottom left. The conditions are **IF**, **OUT**, and **THEN**. **IF** and **THEN** are required. After hitting submit, the data will be saved to the node.

**Step** Press the step button to move the FSM processor. The node the processor is on will be highlighted yello.

**Macro definitions** The koala komputer is preloaded with helpful macros - *note:* these will be reserved keywords and should be placed only in the **IF** conditional input.

`--ANY--` The `--ANY--` keyword will accept any input whatsoever

`--FLUSH--` The `--FLUSH--` keyword will clear the standard console

### **Console Output**

The koala kompute has a standard out to place output. Error messages will also be placed here.

*Compile Time Errors:*

`<...> CANNOT BE BLANK` Occurs when on submitting data a required input as blank or null

`NODE=[ THEN=[ ... ] ] NOT FOUND` Occurs when the next node is blank

`NODE=[ ... ] WITH IF =[ <...> ] WOULD BE NONDETERMINISTIC`

Occurs when *NOTE SEE ROSSEN MODELS OF COMPUTABILITY TO DEBUG THIS ERROR*