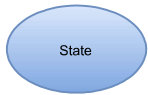Legend

This indicates a state in the software

This indicates a software trigger that moves the state machine to a new state

 Node

A node connects lines going to the same state or trigger to reduce the number of lines used

How to read the flowcharts

- The flowcharts show how the state machines in device controllers work.

- The arrows entering and leaving a state show how the state is entered and left.

- Triggers are used to show what caused a state to be entered or another state to be left. Arrows typically run from a state to a trigger and then to another state, however if there is no trigger for an arrow then it means a state will be enetered/left after being run and no specific trigger is needed.

- The flow of the flowchart can only pass through a trigger if that trigger is true. This means that if an arrow runs to a trigger box but the condition specified in that trigger is not true then the flow can't pass through into the state.

- At the end of the flowchart document there is a state priority list. This list tells you what state will be chosen when two or more triggers are true at a time.

- Nodes are used to simply reduce the number of lines used in the flowchart. They join arrows going to the same place. They do not indicate a relationship between states.