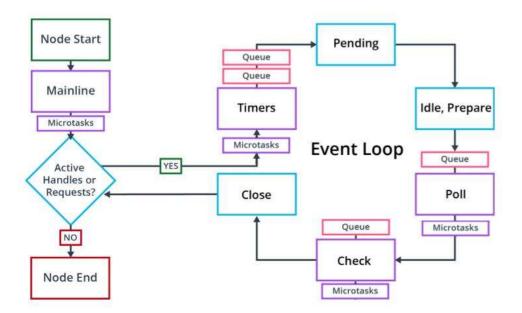




Six Phases of The Event Loop

- 1. **Timers** executes callbacks using timers. If there are timers set to 0 ms or setImmediate(), they will run here. Incomplete timers will run in later iterations of the loop.
- 2. Pending internal phase
- 3. Idle/Prepare internal phase
- 4. Poll process I/O callbacks
- 5. **Check** execute any setImediate() timers added in the Poll phase
- 6. Close loop continues if there are more timers or I/O calls. If all timers and I/O calls are done, the loop closes and the process ends.

NOTE: process.nextTick(); will always run at the end of whichever phase is called and before the next phase.



The Event Loop