**EVENT LOOPING**

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┌─>│ timers │

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│ │ I/O callbacks │

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│ │ idle, prepare │

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│ ┌──────────┴────────────┐ │ incoming: │

│ │ poll │<─────┤ connections, │

│ └──────────┬────────────┘ │ data, etc. │

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│ │ check │

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└──┤ close callbacks │

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Phases Overview

* **timers**: this phase executes callbacks scheduled by setTimeout() and setInterval().
* **I/O callbacks**: executes almost all callbacks with the exception of close callbacks, the ones scheduled by timers, and setImmediate().
* **idle, prepare**: only used internally.
* **poll**: retrieve new I/O events; node will block here when appropriate.
* **check**: setImmediate() callbacks are invoked here.
* **close callbacks**: e.g. socket.on('close', ...).