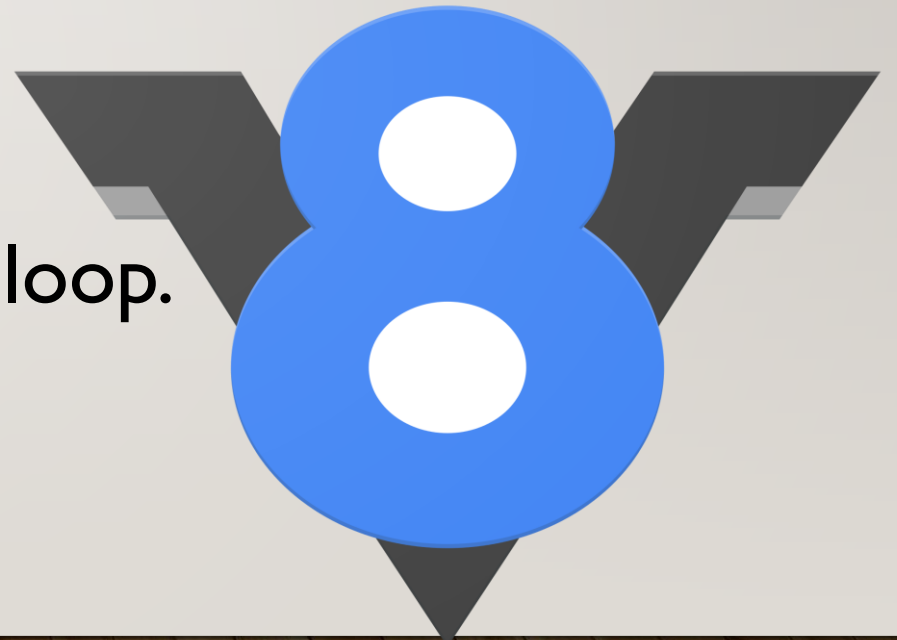# NODEJS

BROAD OVERVIEW.   CONFIGURATION

WHAT IS NODEJS

Node.js is a server-side javascript.
Built on Google's V8 Engine.

Runs on a single-threaded, event-based loop.
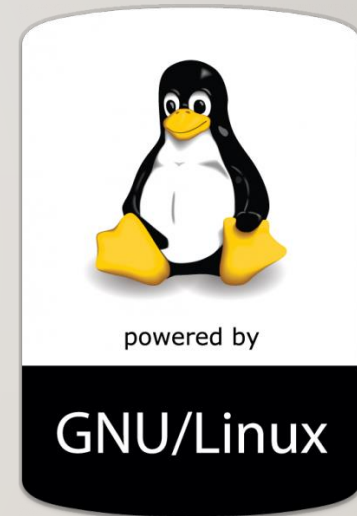All code executions are non-blocking.

CREATOR AND DATE

2009 by Ryan Dahl

PLATFORMS

ADVANTAGES

- Web development in a dynamic language (JavaScript) on the server!

- Has first class object and event handling.

- The community is vibrant and growing.

DISADVANTAGES

- NodeJS is single-threaded.

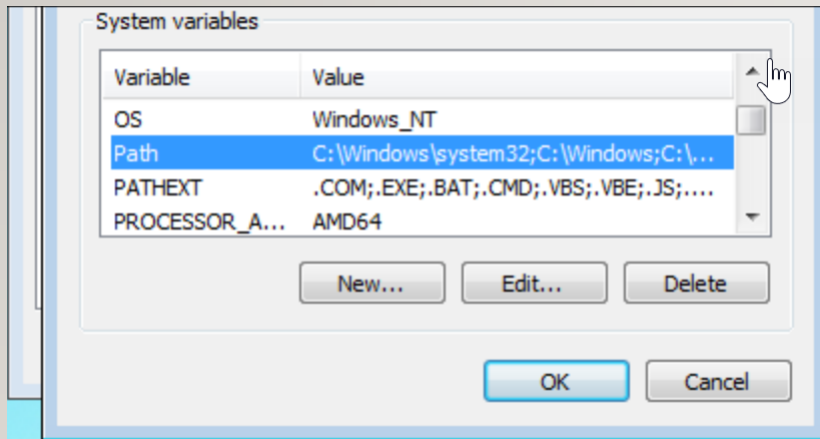 Synchronizing between threads, or shared mutable state, is not a possibility with Node.

- So many open modules to choose from

  Some modules are great, but support is not always present for most.

INSTALLING NODE (WINDOWS)

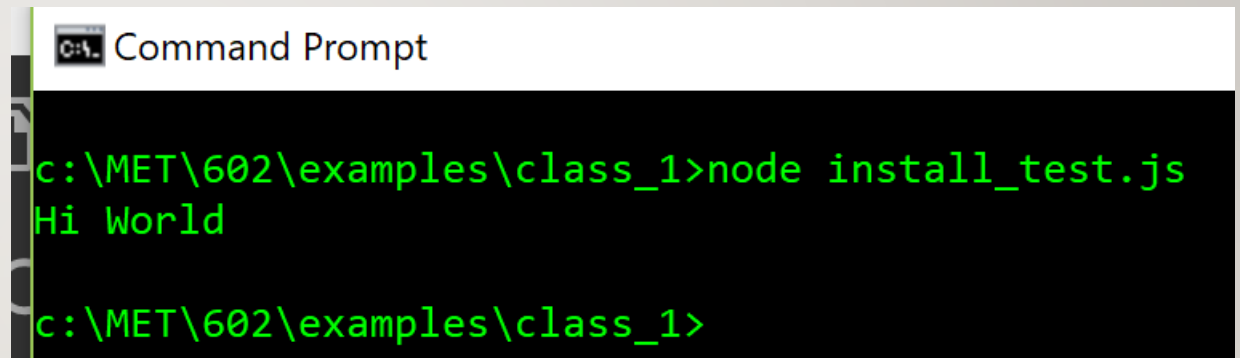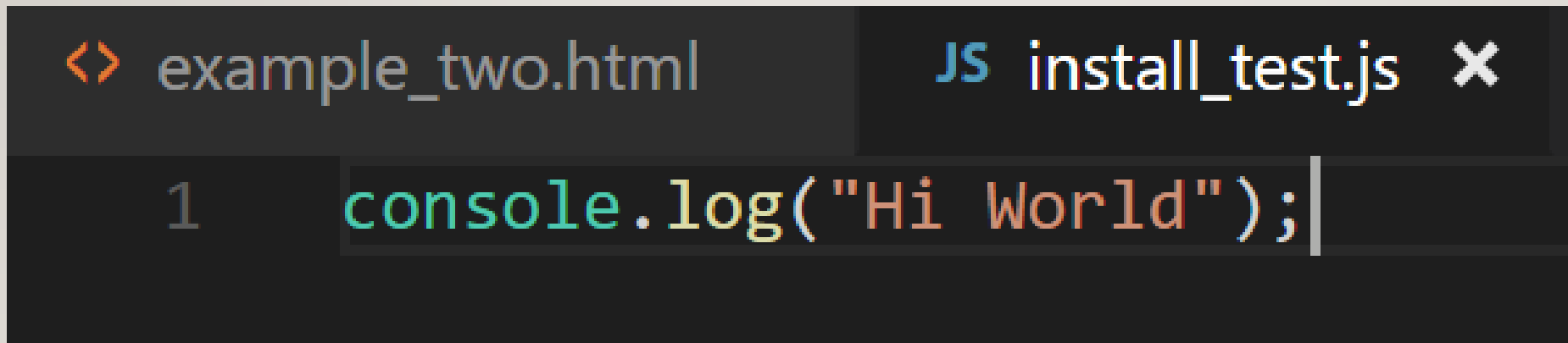## Using the .MSI (Microsoft Installer Program)

The MSI will add node and npm to the PATH of your computer.

TESTING INSTALLATION