

Installation Instructions

The Hour of Node web application can be accessed and used online (<http://hourofnode.org>) or it can be locally installed on a system.

Document's Purpose

This document explains the steps necessary for downloading, installing, configuring, and running The Hour of Node web-application locally.

Why install it locally?

Installing the web-app locally (as opposed to using it from hourofnode.org) allows you to make customized changes to the web-app and to design your own games via game description files.

So ... let's get the installation process started.

Supported Operating Systems

Any operating system that git, node.js, npm, and CoffeeScript supports should work for The Hour of Node project; as a locally installed web-application. Such common operating systems are:

- Apple OS X
- Linux - Ubuntu, RedHat, Debian, etc.
- Microsoft Windows

Required Software/Modules

(for administering The Hour of Node web-app)

- git
- node.js
- npm
 - gulp
 - CoffeeScript
 - Reactive-Coffee
 - underscore.js

** Notes **

* npm is now included with node.js' installer; installing node.js should install and configure npm on your system.

* Items under npm are modules installed with the `npm` command:

```
npm -install [module name]
```

Installation Steps (Prerequisite Software/Utilities)

1.) Install Git

Download it from here: <http://git-scm.com/downloads>

2.) Install node.js

Download it from here: <http://nodejs.org/download/>

Note: MS Windows installs: a reboot of the system is required, after installing node.js, for *npm* to be accessible via the CMD prompt.

Installation Steps (The Hour of Node web-app)

3.) Download and install The Hour of Node project

We recommend doing this as a Git clone:

```
--> git clone https://github.com/TheSwanFactory/hourofnode.git
```

4.) Launch a terminal

- Mac OS: Utilities
- Windows: CMD Prompt or CYGWIN

The following steps will be done inside the terminal/CMD prompt ...

5.) Install npm

```
--> npm install
```

6.) Install gulp

```
--> npm -g install gulp
```

Launching The Hour of Node web-app

In the terminal (or Windows CMD prompt):

1.) Change directory to the top directory where The Hour of Node resides

- (i.e. Unix: /opt/hourofnode)
- (i.e. Windows: C:\temp\hourofnode)

2.) Type the command: gulp

```
--> gulp
```

A successful start-up of The Hour of Node web-app should result in lines similar to these (in the terminal):

```
[20:09:00] Requiring external module coffee-script/register
[20:09:04] Using gulpfile c:\Temp\hourofnode\gulpfile.coffee
[20:09:04] Starting 'main'...
[20:09:04] Starting 'sync'...
[20:09:04] Finished 'sync' after 67 ms
[20:09:04] Starting 'watch'...
[20:09:04] Finished 'watch' after 55 ms
[BS] Local URL: http://localhost:3000
[BS] Serving files from: web
[BS] Watching files...
[BS] File changed: c:\Temp\hourofnode\web\main.js
[20:09:06] Finished 'main' after 2.57 s
[20:09:06] Starting 'default'...
[20:09:06] Finished 'default' after 8.55 µs
```

And a web browser should pop-up displaying the local instance of The Hour of Node web-app.

The web-app is automatically served-up at:

<http://localhost:3000>

Wrapping Up - And Other Useful Info

Microsoft Windows - Detailed Instructions

For *detailed* instructions of installing The Hour of Node web-app on **Microsoft Windows** systems please go this link to view the WordPress blog post:

<http://theswanfactory.com/2014/12/06/installation-instructions-ms-windows/>

For further information, be sure to checkout our various websites:

- <http://hourofnode.org>
- <http://theswanfactory.wordpress.com>
- <https://www.facebook.com/HourOfNode>
- <https://twitter.com/theswanfactory>
- <https://www.youtube.com/user/AwesomeStuffBadly>
- <https://github.com/TheSwanFactory>
- <https://github.com/TheSwanFactory/hourofnode>

Happy Hour-of-Noding :-)