Windows – Quake 3 JS Setup

Interested in getting Quake to run on your windows machine? Here are the detailed setup instructions. You should see something similar in your Terminal or Command Line.

Node Version Manager (nvm)

Go to https://github.com/coreybutler/nvm-windows for nvm setup instructions.

Download the latest version of nvm at https://github.com/coreybutler/nvm-windows/releases (e.g. nvm-setup.exe). Run the downloaded file to install.

Install Node.js and npm

Open a terminal in administrator mode.

Verify nvm.
```
C:\Windows\System32> nvm version
1.1.11
```

Install Node.js and npm
```
C:\Windows\System32> nvm install "latest"
20.5.1
Downloading node.js version 20.5.1 (64-bit)...
Extracting node and npm...
Complete
npm v9.8.0 installed successfully.
Installation complete. If you want to use this version, type nvm use 20.5.1

C:\Windows\System32> nvm use 20.5.1
Now using node v20.5.1 (64-bit)
```

Check the installation
```
C:\Windows\System32>node -v
v20.5.1
C:\Windows\System32>npm -v
9.8.0
```

Quake 3

Change to (`cd`) the directory where the extracted files are

Install node.js modules.

```
D:\Python\Projects\quakejs>npm install
```

npm WARN deprecated graceful-fs@1.2.3: please upgrade to graceful-fs 4 for compatibility with current and future versions of Node.js

npm WARN deprecated mkdirp@0.3.5: Legacy versions of mkdirp are no longer supported. Please update to mkdirp 1.x. (Note that the API surface has changed to use Promises in 1.x.)

npm WARN deprecated wrench@1.5.9: wrench.js is deprecated! You should check out fs-extra (https://github.com/jprichardson/node-fs-extra) for any operations you were using wrench for. Thanks for all the usage over the years.

npm WARN deprecated formidable@1.0.14: Please upgrade to latest, formidable@v2 or formidable@v3! Check these notes: https://bit.ly/2ZEqIau npm WARN deprecated ejs@0.8.8: Critical security bugs fixed in 2.5.5 npm WARN deprecated connect@2.8.8: connect 2.x series is deprecated

added 66 packages, and audited 67 packages in 14s

12 vulnerabilities (2 moderate, 6 high, 4 critical)

To address all issues (including breaking changes), run:
 npm audit fix --force

Run `npm audit` for details.

npm notice

npm notice New patch version of npm available! 9.8.0 -> 9.8.1 npm notice Changelog: https://github.com/npm/cli/releases/tag/v9.8.1 npm notice Run npm install -g npm@9.8.1 to update!

npm notice

Set the content server.

```
D:\Python\Projects\quakejs>echo { "content": "content.quakejs.com" } >
bin\web.json
```

Run the server

```
D:\Python\Projects\quakejs>node bin\web.js --config
.\web.json
```

info: loading config file from .\web.json..

(node:20392) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency

(Use `node --trace-warnings ...` to show where the warning was created) info: web server is now listening on :::8080

(node:20392) [DEP0066] DeprecationWarning: OutgoingMessage.prototype._headers is deprecated

Open http://127.0.0.1:8080/ in a browser (confirmed working on Firefox and Chrome).
Ctrl + c to exit the server