

# Setting Up Hubot

Hubot runs under [nodejs](http://how-to.linuxcareer.com/how-to-install-and-use-hubot-robot-on-ubuntu-machine), for linux do install: (<http://how-to.linuxcareer.com/how-to-install-and-use-hubot-robot-on-ubuntu-machine>)

```
sudo apt-get update
sudo apt-get install build-essential
sudo apt-get install libssl-dev redis-server libexpat1-dev
sudo apt-get install nodejs
sudo apt-get install npm
sudo apt-get install git-core
```



On older OS'es (on Ubuntu 10.04 LTS, newest version is v0.6.x - so compile nodejs Yourself:

```
mkdir source
cd source
git clone https://github.com/joyent/node.git
cd node
git checkout v0.10.25
```

(The message about the "detached HEAD" is ok to ignore. The message is explaining that you have the master pointer pointing to a commit in the middle of the history)

```
./configure
make && sudo make install
```

## Create the Hubot Dir

```
mkdir /opt/hubot
cd /opt/hubot
```

## Add the nodejs stuff

```
npm config set registry http://registry.npmjs.org/
npm install -g coffee-script
npm install --save hubot-hipchat
```

## Configure the Hubot

```
cd /opt/hubot/bin
vi hubot
```

The Config - PORT is optional

## hubot

```
#!/bin/sh

npm install

export PATH="node_modules/.bin:node_modules/hubot/node_modules/.bin:$PATH"

# HIPCHAT
export PORT=8070
export HUBOT_HIPCHAT_TOKEN="*****"
export HUBOT_HIPCHAT_JID="*****_***@chat.hipchat.com"
export HUBOT_HIPCHAT_NAME="Hal 9000"
export HUBOT_HIPCHAT_PASSWORD="*****"
export HUBOT_HIPCHAT_ROOMS="@All"
export HUBOT_HIPCHAT_BLACKLIST=""
export HUBOT_HIPCHAT_HOST="chat.hipchat.com"
export HUBOT_LOG_LEVEL="debug"
export HUBOT_HIPCHAT_RECONNECT="true"
```

Replace package.json with the content from <https://github.com/github/hubot-scripts/blob/master/package.json>

(See the Script Catalog at <http://hubot-script-catalog.herokuapp.com/>)



All scripts are [here](#) - but dont copy them in, most of them need extra modules and/or configurations to work

```
{
  "name": "hubot-scripts",
  "version": "2.5.16",
  "author": "hubot",
  "keywords": [
    "hubot",
    "plugin",
    "scripts",
    "campfire",
    "bot",
    "robot"
  ],
  "description": "Allows you to opt in to a variety of scripts",
  "licenses": [{
    "type": "MIT",
    "url": "https://github.com/github/hubot-scripts/raw/master/LICENSE"
  }],
  "repository": {
    "type": "git",
    "url": "https://github.com/github/hubot-scripts.git"
  },
  "dependencies": {
    "redis": "0.8.4"
  }
}
```

## Run the Bot

```
cd /opt/hubot
bin/hubot --adapter hipchat
```

# Updating Hubot

```
cd opt/hal9000
npm install --save hubot-hipchat

npm http GET http://registry.npmjs.org/hubot-hipchat
npm http 200 http://registry.npmjs.org/hubot-hipchat
npm http GET http://registry.npmjs.org/hubot-hipchat/-/hubot-hipchat-2.7.5.tgz
npm http 200 http://registry.npmjs.org/hubot-hipchat/-/hubot-hipchat-2.7.5.tgz
```



Hubot sending HTML - <https://github.com/github/hubot-scripts/blob/master/src/scripts/hipchat-api.coffee>

You can get SSL problems "CERT\_UNTRUSTED" with old node versions - see <https://github.com/coolaj86/node-ssl-root-cas>

A "dirty" hack is to place this in the hubot file:



```
# SSL Problem
# https://github.com/coolaj86/node-ssl-root-cas
export NODE_TLS_REJECT_UNAUTHORIZED="0"
```

## Links

<http://12devsofxmas.co.uk/2014/01/day-11-creating-your-own-franken-butler-with-hubot/>

<http://stackoverflow.com/questions/24635934/clear-timers-on-hubot-reload-all-scripts>

<https://github.com/github/hubot/blob/master/docs/scripting.md>