

# Hubgraph search

## Prerequisites

Hubgraph is a node.js module, requiring an installation of node.js of at least the 0.10.x branch, and npm, the node package manager.

If your distribution does not package an appropriate version of node, see [the node.js downloads page](#)

The current reference version of node.js is 0.10.29, the latest version packaged by Debian as of this writing.

There are also build dependencies. npm is a source-based package manager. These packages are:

libboost-filesystem-dev libboost-regex-dev libboost-serialization-dev libboost-graph-dev libboost-system-dev libicu-dev

These should be available through your distribution's package manager.

## Installation

The recommended way to install hubgraph is with npm through its global repository:

```
npm install hubgraph-hubzero
```

This installs a few packages we maintain, with git repositories listed here:

hubgraph-hubero	<a href="https://bitbucket.org/snyder13/hubgraph-hubzero">https://bitbucket.org/snyder13/hubgraph-hubzero</a>
hubgraph-ext	<a href="https://bitbucket.org/snyder13/hubgraph-ext">https://bitbucket.org/snyder13/hubgraph-ext</a>
hubgraph	<a href="https://bitbucket.org/snyder13/hubgraph">https://bitbucket.org/snyder13/hubgraph</a>

*Installing from git is not recommended. The latest `master` copy of each branch is not guaranteed to be mutually compatible with the other branches. The npm modules are synced with each other to guarantee a common vintage.*

*If you do install from git, npm is still required: cd to the `source` directory and run `npm install .`*

## Configuration

## HUBGRAPH SEARCH

---

Step-by-step instructions for configuring hubgraph are available through the package:

```
node -e 'require("hubgraph-hubzero").install()'
```

A few notes:

- `node` may be called `nodejs`, particularly on Debian installations
- You might need to supply the path where `npm` installed hubgraph if it happens to be different from the path your `node` executable looks, eg:  
NODE\_PATH=/usr/local/lib/node\_modules nodejs -e 'require("hubgraph-hubzero").install()'

## Running

```
node -e "require('hubgraph-hubzero').server()"
```

## Help?

If you have any problems please visit <https://hubzero.org/support> and submit a support ticket describing the situation. Please include specific details about your Linux distribution and your version of node.js and npm.