

THIS IS THE INSTALLATION GUIDE FOR BOOKIT

REFER TO THIS GUIDE DURING SETUP

bookit - kelvin's kittens

Install process - linux server local database

```
`sudo apt-get update`
```

```
`sudo apt install mysql-server`
```

```
`sudo apt install nodejs`
```

```
`sudo apt install npm`
```

```
`wget https://raw.githubusercontent.com/nvm-sh/nvm/master/install.sh`
```

```
`bash ./install.sh`
```

disconnect and log back in

```
`nvm install v16.17.0`
```

```
`node --version`
```

```
`sudo apt install git`
```

```
`mkdir project`
```

```
`cd project`
```

```
`git clone https://github.com/jbrun001/roombooking`
```

```
`cd roombooking`
```

```
`npm init`
```

use nano to create .env file (contains security details so not synced with git)

```
`sudo mysql`
```

```
`mysql> source ./database-backups/gscrcate.sql`
```

```
`mysql> quit`
```

```
`npm install dotenv mysql2 express express-session ejs sanitize-html body-parser bcrypt path cookie-parser morgan tinymce@^6 multer speakeasy qrcode`
```

```
`sudo apt install -g forever`
```

```
`forever start app.js`
```

to stop the application

```
`forever stop app.js`
```

hardware and software requirements

Disk for install of libraries and dependencies: 1Gib - this may vary depending on your target platform treat this as a minimum.

Disk for room images: 1Gib recommended. Will grow dependent on size and volume of images stored in /media/rooms

Disk for application code: 100Mib

O/S: Ubuntu 18.04.6 LTS or higher

Architecture: x86_64 (64-bit support required)

Processor: Intel Core Processor, Broadwell generation or later

Cores: At least 1 core (Note: More cores are recommended for improved performance)

Threads per Core: At least 1

Virtualization Support: If running in a virtualized environment, a hypervisor supporting full virtualization (e.g., KVM) is required.

CPU Frequency: Minimum 2.0 GHz

Cache: Minimum L1 cache of 32K for data and 32K for instructions, L2 cache of 4096K (4MB)

Memory: minimum 512MiB (for O/S and just this application running)

demo system login credentials and roles

the test login, for a society leader, is

- u: jake@123.com
- p: test

the test login, for a coordinator, is

- u: coordinator@123.com
- p: test

the test login, for an administrator, is

- u: admin@123.com
- p: admintest

Dev team walkthrough video for this setup

<https://github.com/jbrun001/roombooking/tree/main/dev-team-walkthroughs>