

Chords Installation Manual

About Chords

Chords is web application aimed to help people to collaborate virtually. It is the platform to communication, teamwork and share. It will provide user features, such as schedule meeting, keep track of discussion, and share resources, to build a better teamwork environment.

Dependencies:

Minimum System Requirement:

Operating System: Windows, Linux, Mac OS

CPU: min 4 VCPUs

RAM: 2 GB

Storage: 25 GB

Application:

- **Node js**
 - Application Development Framework.
- **React js**
 - Application Development framework.
- **Firebase**
 - Realtime Database
 - A NoSQL database utilized to store some application data and manipulate as needed.
 - Data is stored in JSON format.
 - Authentication
 - Used for user creation and subsequent authentication.
- **MongoDB**
 - User Database
 - Storing all the data related to user profile.
 - Unstructured Data
 - Used to store all the unstructured data from conversations , discussion groups.

Installation steps:

1. Clone the code from :
2. Installing Node js:
 - a. For windows:

- i. Download node js from: <https://nodejs.org/en/download/>

Downloads

Latest LTS Version: 14.15.1 (includes npm 6.14.8)

Download the Node.js source code or a pre-built installer for your platform, and start developing today.

LTS Recommended For Most Users	Current Latest Features	
Windows Installer node-v14.15.1-x64.msi	macOS Installer node-v14.15.1.pkg	Source Code node-v14.15.1.tar.gz
Windows Installer (.msi)	32-bit	64-bit
Windows Binary (.zip)	32-bit	64-bit
macOS Installer (.pkg)	64-bit	
macOS Binary (.tar.gz)	64-bit	
Linux Binaries (x64)	64-bit	
Linux Binaries (ARM)	ARMv7	ARMv8
Source Code	node-v14.15.1.tar.gz	

- ii. Install the executable file.
- b. For Linux:
- i. Install the binary package using [pkg](#):
- ```
$pkg install node
```
- ii. Or compile it on your own using [ports](#):
- ```
$ cd /usr/ports/www/node && make install
```
- c. For MacOS:
- i. Using Homebrew:
- ```
$ brew install node
```
- ii. Using MacPorts:
- ```
$ port install nodejs<major version>
```
- For example:
- ```
$ port install nodejs7
```

### 3. Installing required dependencies for Node js:

- a. Change the current working directory to the directory of the source code and run the following command on terminal or cmd:
- ```
$npm install
```
- b. Start the app by following command on terminal:
- ```
$npm start
```
- c. This will start the app in your local server.
- d. Note: After hosting this app to the cloud server you just need a link to app to access this application.