# How to build A NodeJS APP

Have you ever struggled in building a Nodejs App no matter reacts or react native? Sometimes works on one machine but not the other. When installing packages there are always errors even it is work on the other machine. Below lists out the proper way how to handle this situation.

1. When you receive a react program for instance. Please the first thing is to check the file permission. The one who sends you the program might be the file privilege belongs to him. You can use some Linux command (**ls -lah**) to check the file privilege. (please check how to change the file privilege in the written notes “**Linux Basic Command**”). Some files can be read, write or execute for one user or group but not the others, you can first give it a check. But overall, the best approach is to change all the files permission to user **root**.
2. File dependencies for the packages. If you upgraded the packages in the package.json. It might have some conflicts with the react framework or the webpack building tools. There is a command you can use to check the package dependencies. “**npm view package\_name**”. It will list out the relevant dependencies with relevant version; you should make sure the dependencies you included in the package.json should not exceed the one listed.
3. When building an android application. You need to include the repository url in the build.graddle. Please check the Maven Repository website <https://mvnrepository.com> for the exact url repository for the packages. For instance if you want to find the package “Alipay SDK Java”, you need to search in the maven repository, and click the version, and from the repository click the central icon, then you will see the url <https://repo1.maven.org/maven2/>. This is the repository url and must be included in the build.graddle.
4. If all your program files are root. You need a root account. For ubuntu OS,
   1. sudo passwd root
   2. su – (to login as root)
   3. install nvm to install nodejs in the root account.
5. Sometimes Lower the Nodejs version may help.
6. Try Yarn instead of NPM when installing packages might help.