**Nexus Repository**

**Nexus**  is a **repository** manager. It allows you to proxy, collect, and manage your dependencies so that you are not constantly juggling a collection of JARs. It makes it easy to distribute your software. Internally, you configure your build to publish artifacts to **Nexus** and they then become available to other developers.

**NPM nexus repositry:**

DEV URL : [http://51.143.89.6:8081](http://51.143.89.6:8081/)

User name : admin

Password : tang3456

**Setting up Nexus repository in (local or dev)**

We need to create the nexus repositories,namely

1.npm-registry(way to set up the proxy for nm registry)

2.npm-private(way to publish all packages from our machin)

3.npm-group (way to get all package from nexus)

Refer this link : <http://www.sonatype.org/nexus/2017/02/14/using-nexus-3-as-your-repository-part-2-npm-packages/>

**How To Publish the packages into nexus repository**

**1.**Place the .npmrc file inside the project directory(where package.json file resides)

**content in .npmrc file**

registry=<http://51.143.89.6:8081/repository/npm-private/>

email=dhinakarintech@gmail.com

#admin/tang3456

\_auth=YWRtaW46dGFuZzM0NTY=

Mechanism for creating \_auth in .npmrc file is : do it in terminal

**echo -n 'myuser:mypassword' | openssl base64**

2.Add link to publish in package.json file(link should point to npm-private repository)

"publishConfig": {

"registry": "http://51.143.89.6:8081/repository/npm-private/"

}

**Packaged json for geppetto**

Linkhave commited all the package json file in to following repo.

[https://github.com/dcastillo005/MobileBuildCode\_PWC/tree/master/Nexus%20package%20files](https://github.com/dcastillo005/MobileBuildCode_PWC/tree/master/Nexus package files)

**Running generated code in local machine**

Now to Run the generated application in our local machine which will downlaod all package from nexus repository

Only thing we need to place .npmrc file in Home path(~) or in windows machine place inside the project folder

**How to get all package from nexus repository**

**1.**Place the .npmrc file inhome folder (~)

**content in .npmrc file**

registry=<http://51.143.89.6:8081/repository/npm-group/>

email=dhinakarintech@gmail.com

#admin/tang3456

\_auth=YWRtaW46dGFuZzM0NTY=

**Note**: here we point the link to npm-group repository,here after u can do npm install in anywhere in ur machine automatically it will download all the packages from nexus.