

SpringBoot Nexus Integration

Demonstrate the capabilities of deploying a springboot artefact to a self managed nexus repository instance.

PDF Version

Features

- Sonatype Nexus Repository Manager

Usage

We will be spinning up a nexus instance as container and the artefact will be deployed to nexus using maven.

Nexus

Feel free to clone this repo and spin up a springboot instance by running

```
docker build -t springboot-nexus .
```

spin up a local nexus repository container

```
docker run -d -p 8023:8081 --name nexus sonatype/nexus3
```

Access your repo at localhost:8023/

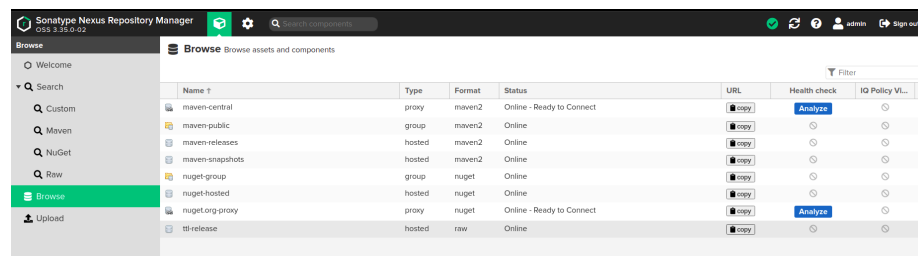


Figure 1: alt text

The username will be admin and the password can be found at

/nexus-data/admin.password

access it by login to the container

```
docker exec -it nexus /bin/bash
```

Feel free to create a repo of type raw hosted to host your deployment artefacts.

Under Administration create a privilege with repo you just created and action as comma separated read,browse,edit,add.

Under Roles create a suitable role and map the privilege created above.

Now create a user and associate the role.

Now update your maven settings.xml with the user credentials and repo id.

```
<server>
  <id>t1-release</id>
  <username>t1_technical_user</username>
  <password>t1user</password>
</server>
```

Update your pom.xml to point the repo url.

```
<distributionManagement>
  <repository>
    <id>t1-release</id>
    <url>http://localhost:8023/repository/t1-release/</url>
  </repository>
</distributionManagement>
```

You are done. Now run

```
mvn clean deploy
```

Your artefacts will be deployed to the repository created.

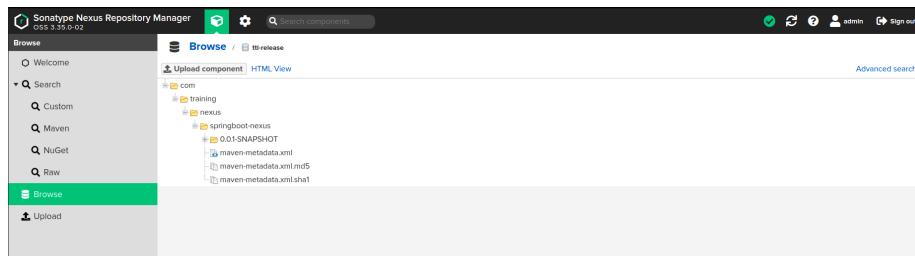


Figure 2: alt text

Note

Feel free to reach out the writer vipinev9@gmail.com for any queries.