Lab 1 (20 min)

OVERVIEW: In this lab you will login to and verify your personal JFrog Platform environment. In addition, you will ssh to your dedicated *AWS ec2 instance*, that is pre-configured to work with your JPD (JFrog Platform Deployment).

Your personal Environment will be used for the other labs in the workshop.

Your environment will be available for 2 weeks!

EXPECTED OUTCOME: Upon successful completion of this lab you will be able to login to your personal environment with your personal credentials and observe two repositories configured for you, one npm and one Docker. You will also be able to browse demo data and security findings on the platform.

Step by step instructions

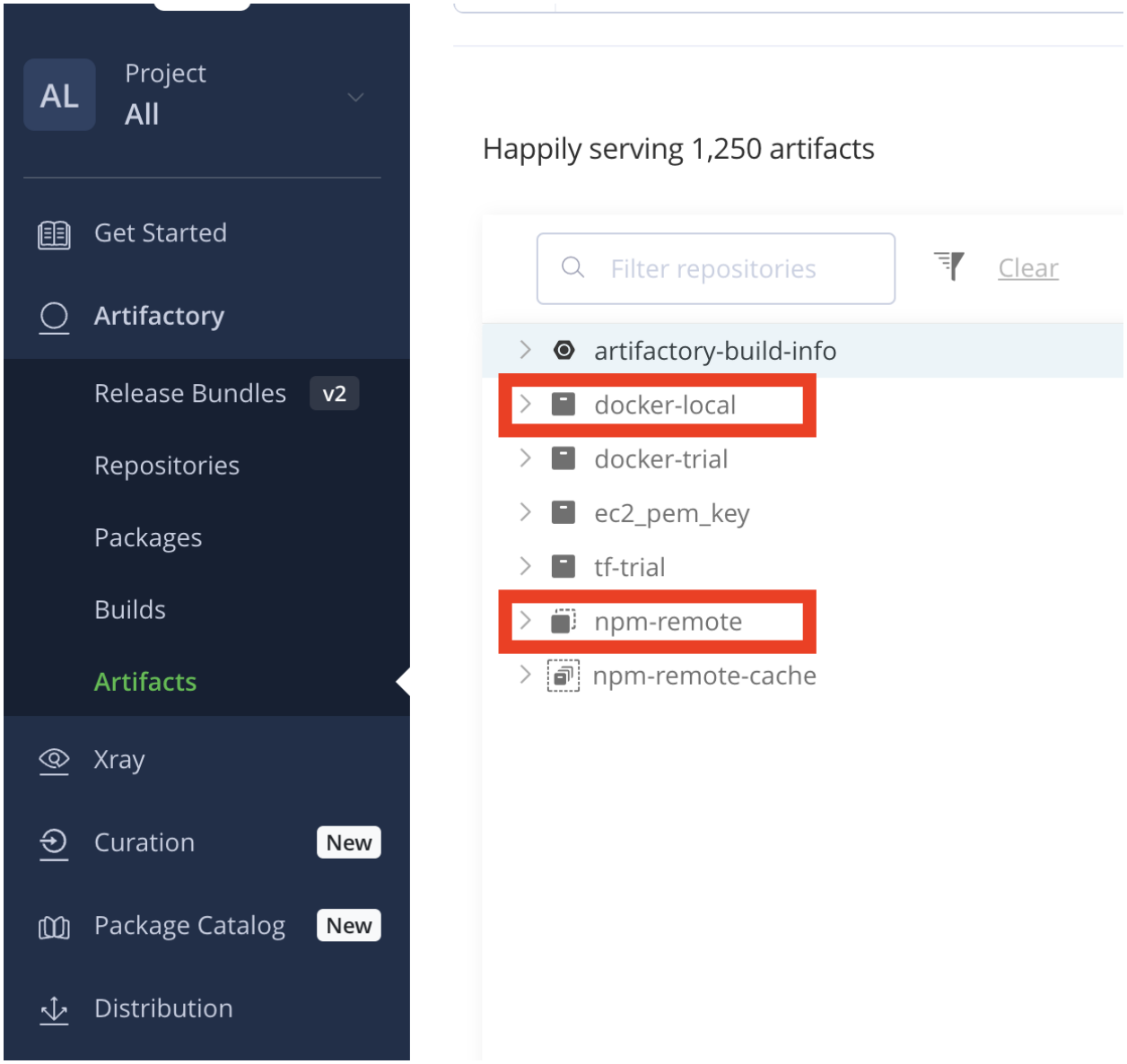
Phase #1 - Logging in to your JPD

1. Open your browser and navigate to

   `https://dsod23lomXX.jfrog.io`
2. Login using username \ password

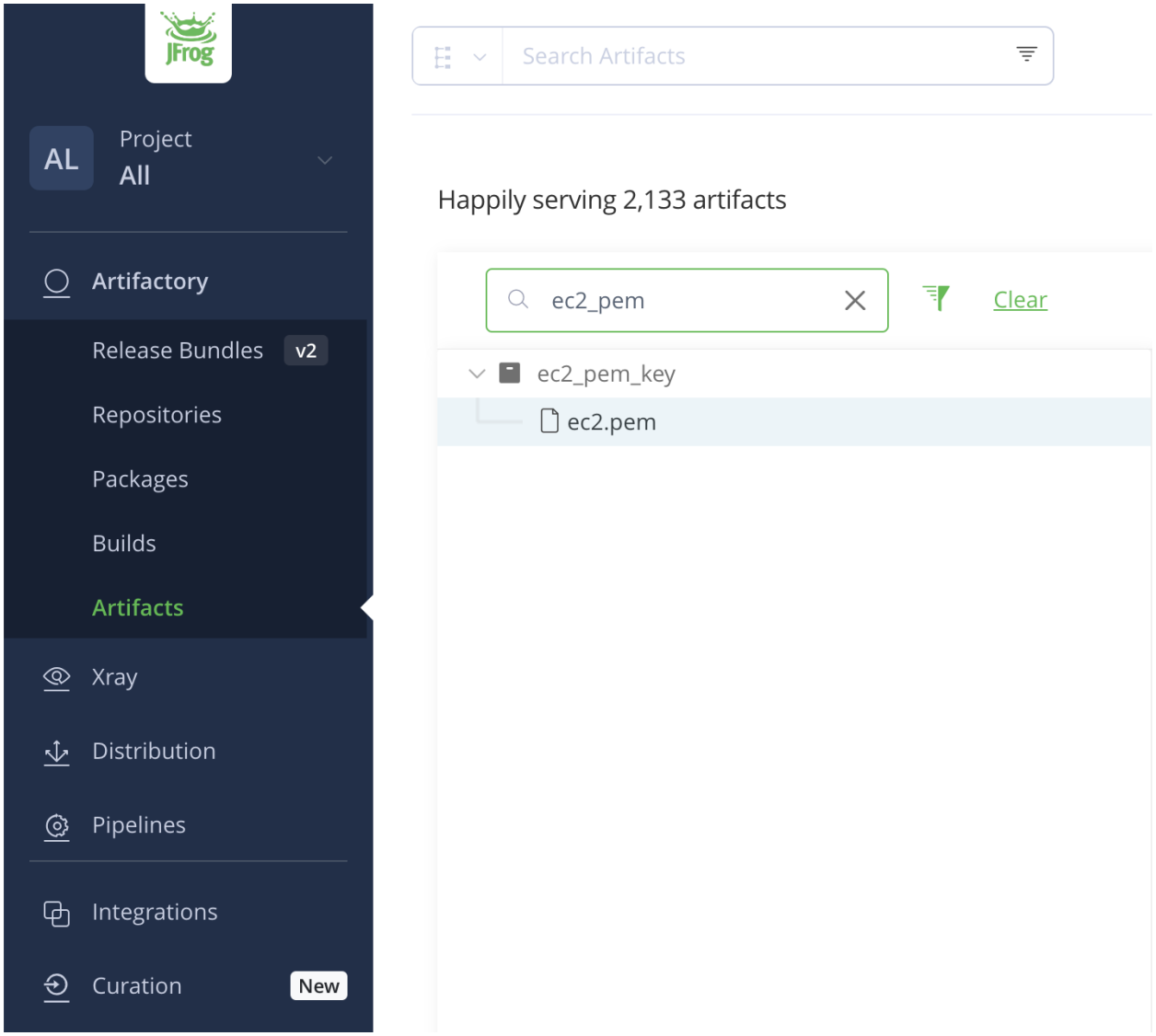
   Username: `devseopsday@jfrog.com`

   Password: `DevSecOpsDay2023!`
3. Locate the 'docker-local' repository and 'npm-remote' repository

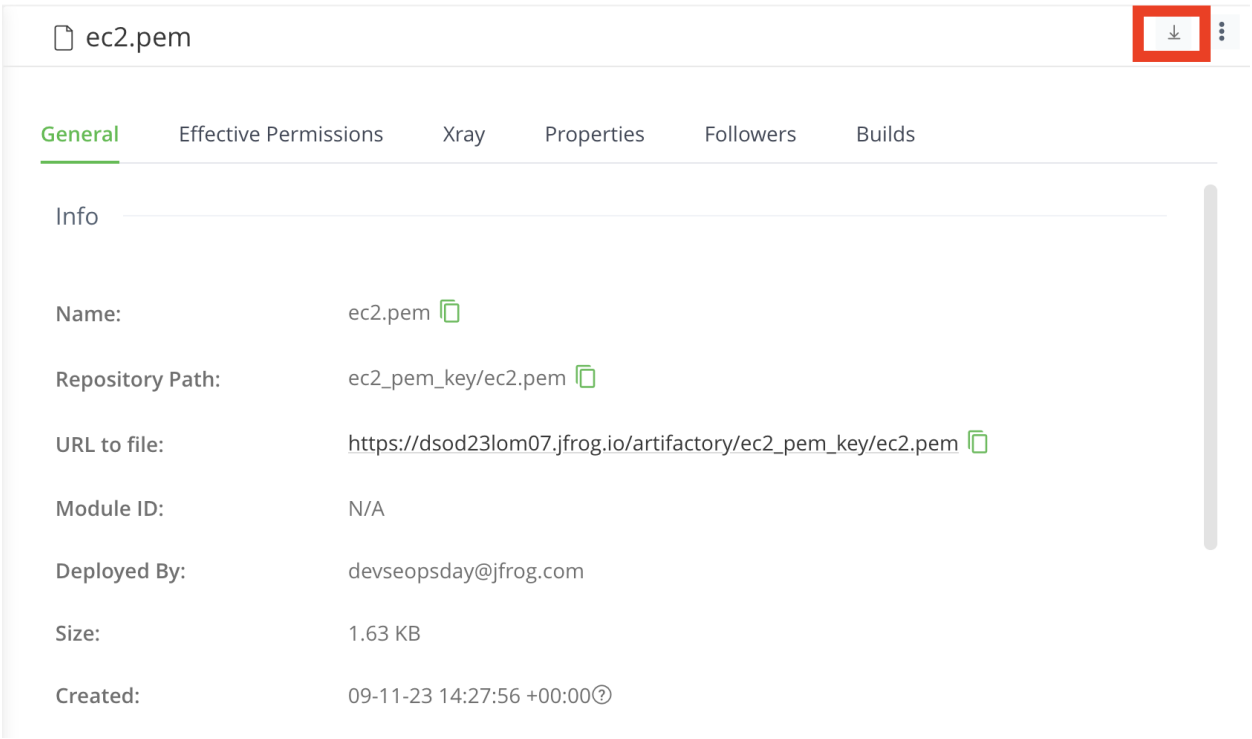


Phase #2 - Logging in to your ec2 instance

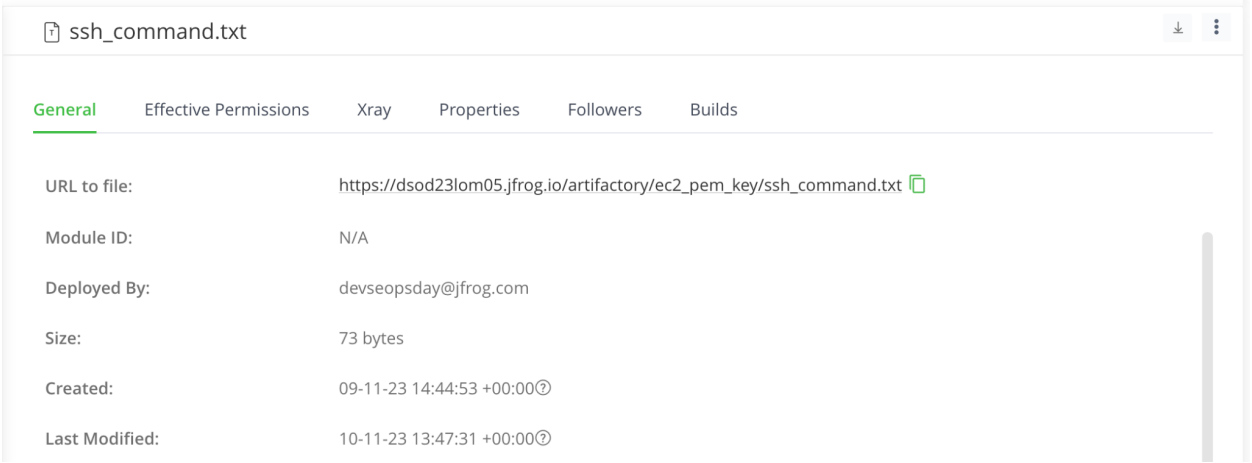
4. Download your own pem key from the following repository in your JPD
    a. Navigate to the ec2_pem_key repository



b. Click on the download button at the top right



5. Similarly, download the 'ssh_command.txt'



6. Open SSH client and SSH using the following command (with your ec2.pem). The URL will be found in the 'ssh_command.txt'

```
ssh -i "ec2.pem" ubuntu@ec2-<IP Address>.eu-west-2.compute.amazonaws.com
```

Phase #3 - Validating that you are in your EC2 instance.

7. In the ec2 instance assigned to you, locate the the following NodeJS project

   `ls` ~/devsecops-repo

   We will use this project through the labs

Phase #4 - Validating npm runtime environment

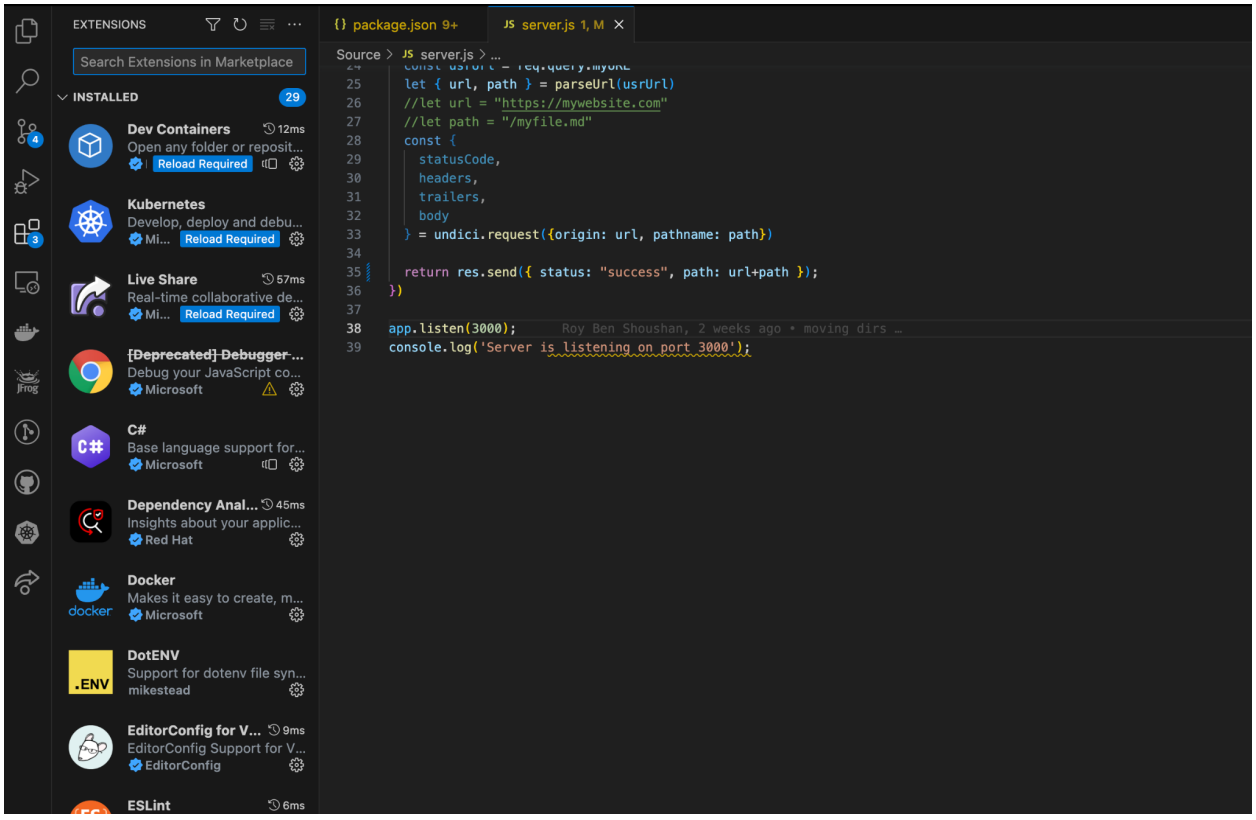
8. Open the terminal on your laptop and make sure you are not connected to the ec2 instance.
9. Run the command to validate if npm is installed and functional

   `npm -v`

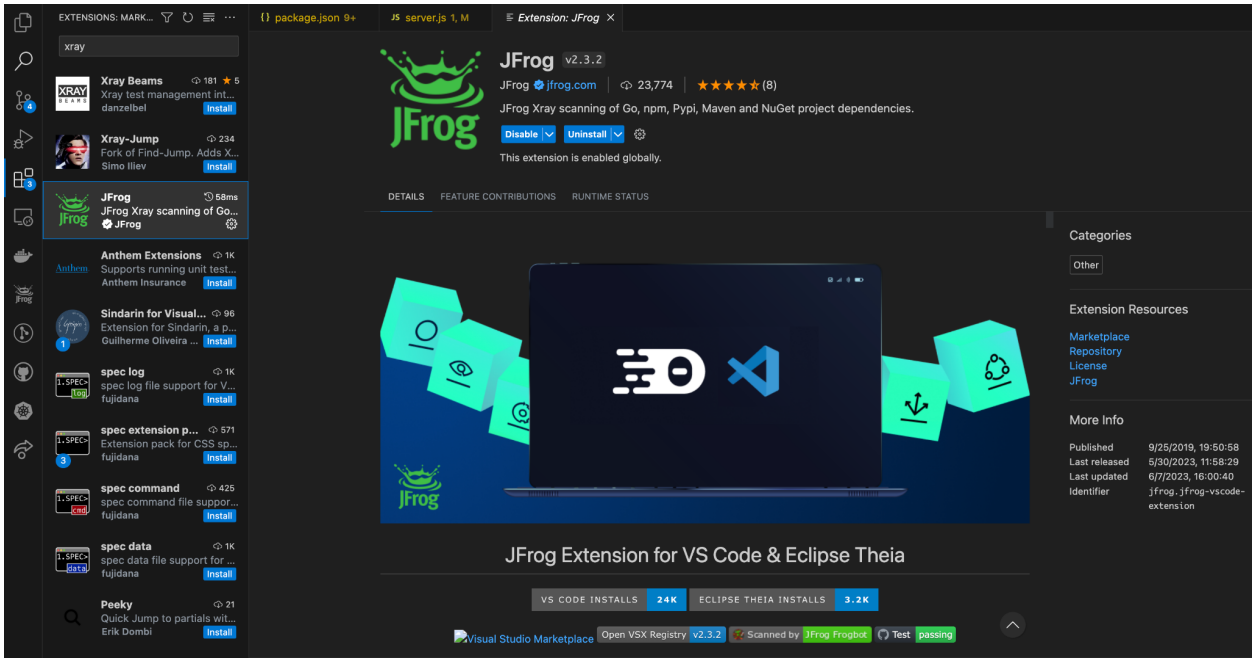
10. If not installed, follow setup instructions from https://nodejs.org/en/download for your respective OS.
11. Repeat step 9 to validate the installation.

Phase #5 - Installing JFrog IDE plugin in VS Code

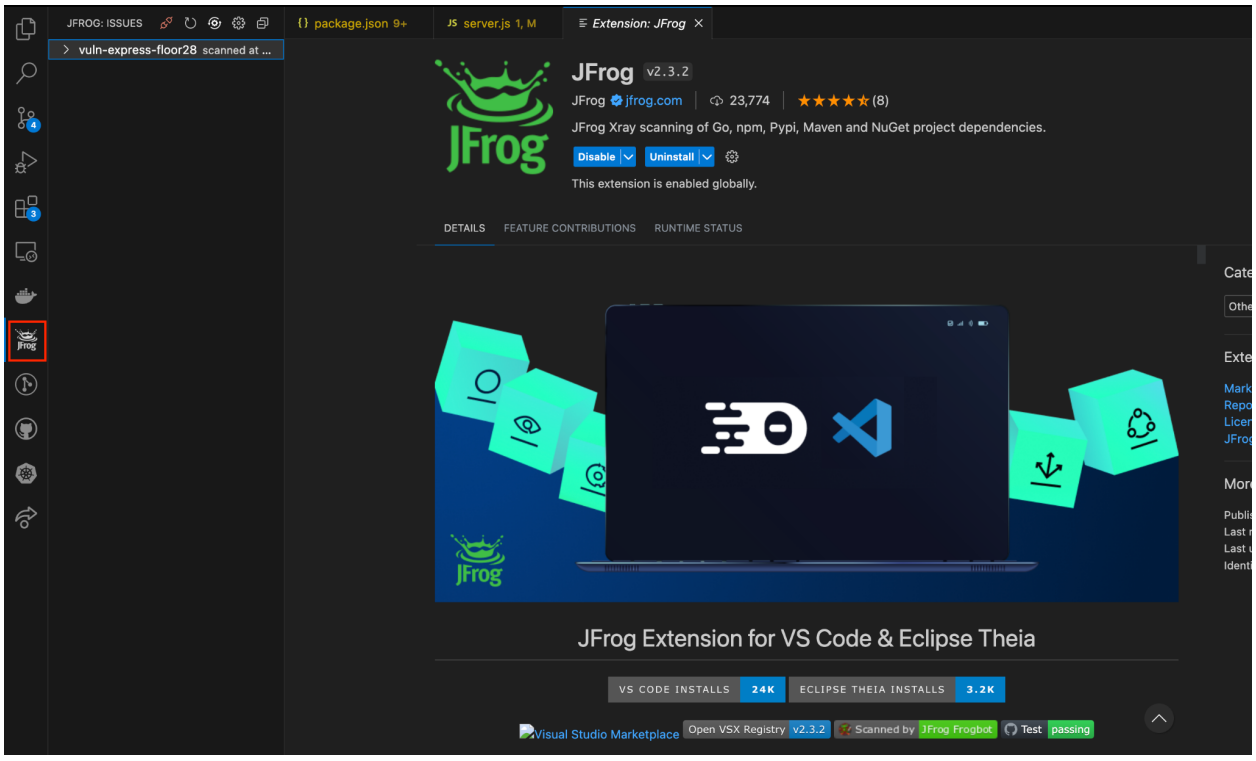
12. Click the Extensions icon in VS Code:



13. In the extension search bar search for “JFrog”, and then click install:



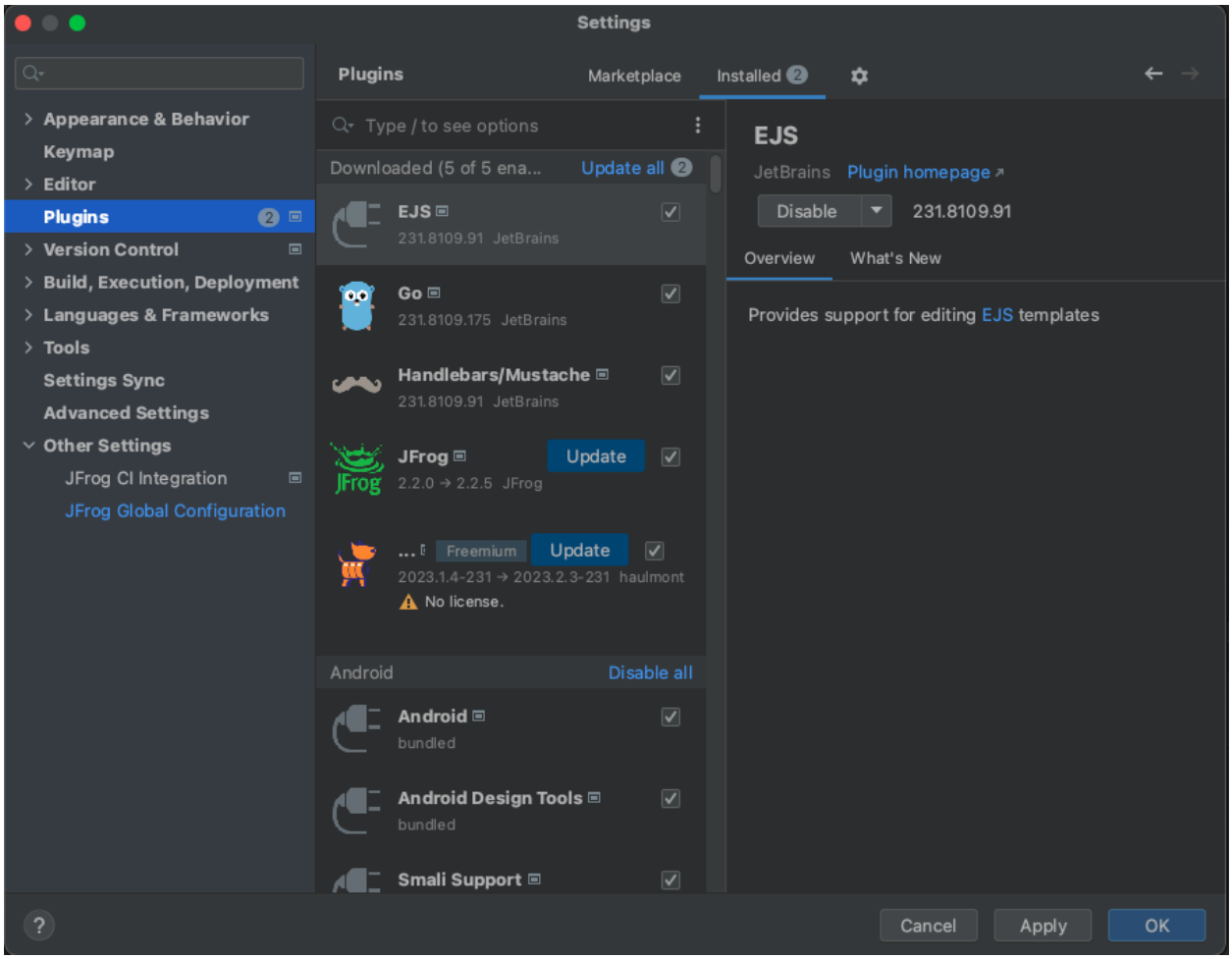
14. After the installation is complete, click the JFrog icon on the left toolbar:



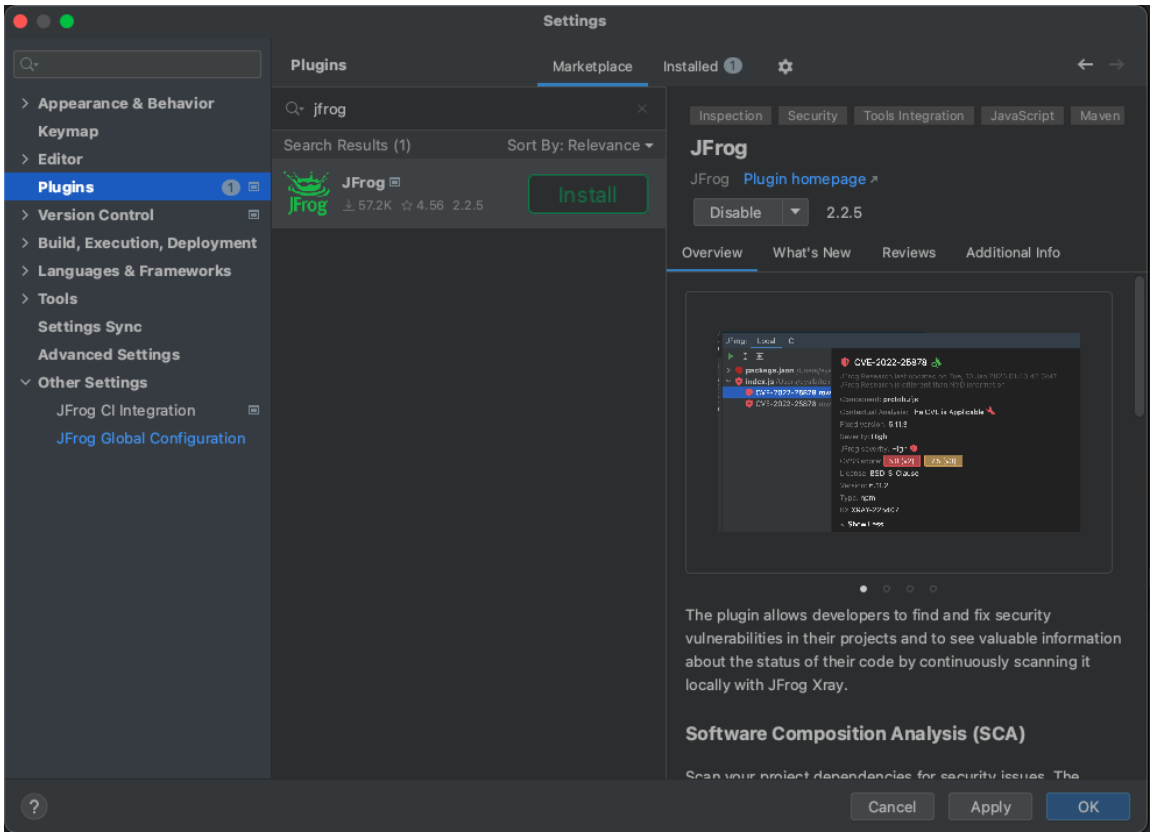
15. Press the Enter your JFrog Platform connection details button, and update the URL, username and password.

Phase #6 - installing the JFrog Xray IDE Plugin:

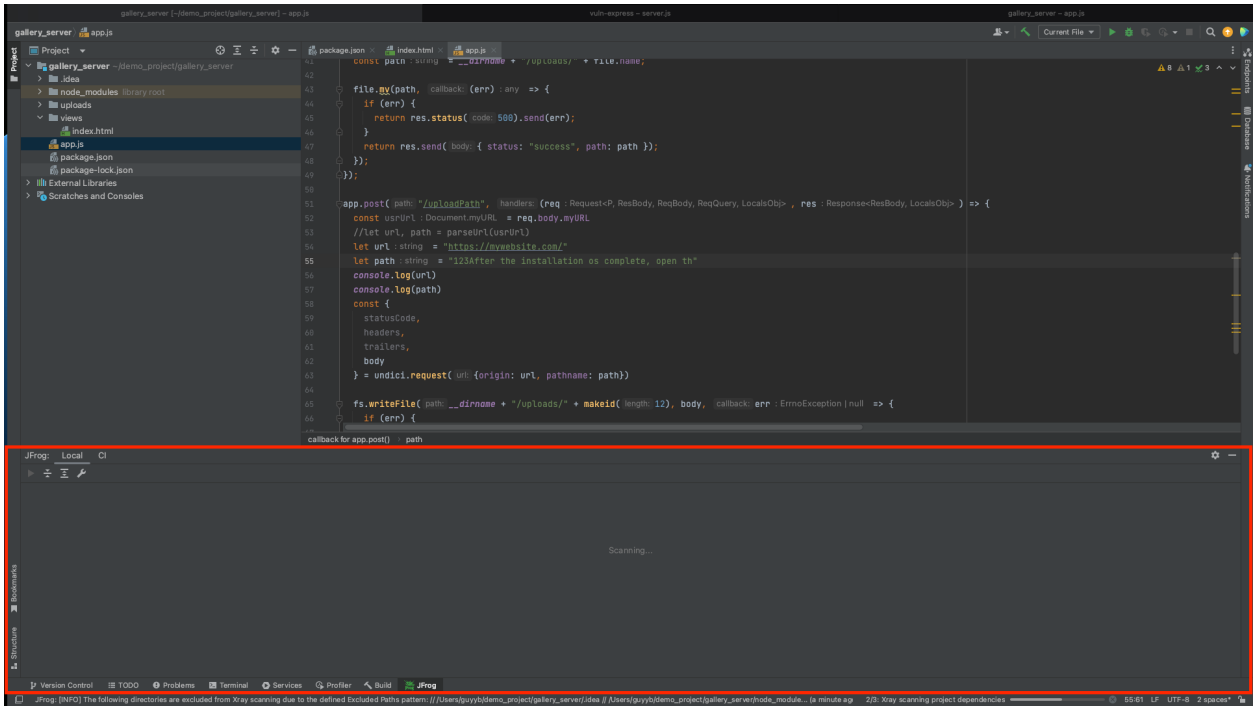
16. Open the settings screen in your IDE, and navigate to the plugins tab:



17. In the plugin search bar search for “JFrog”, and then click install:

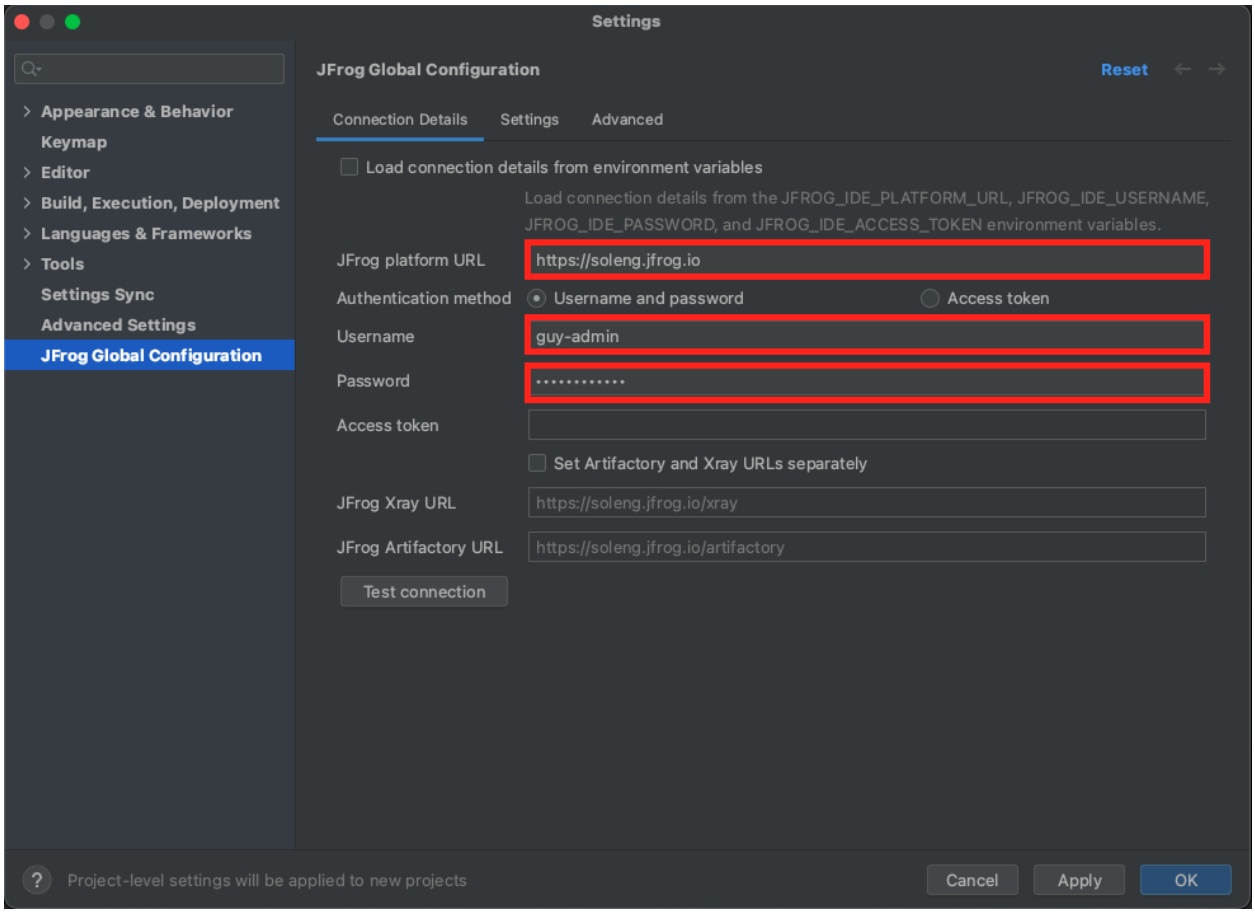


18. After the installation is complete, open the JFrog tab in the bottom of the screen:



And press the configuration icon - 

19. In the “Connection details” tab, update the URL, username and password.



Congratulations! You have completed Lab 1