Exercise (Instructions): Setting up Node.js and NPM | Coursera

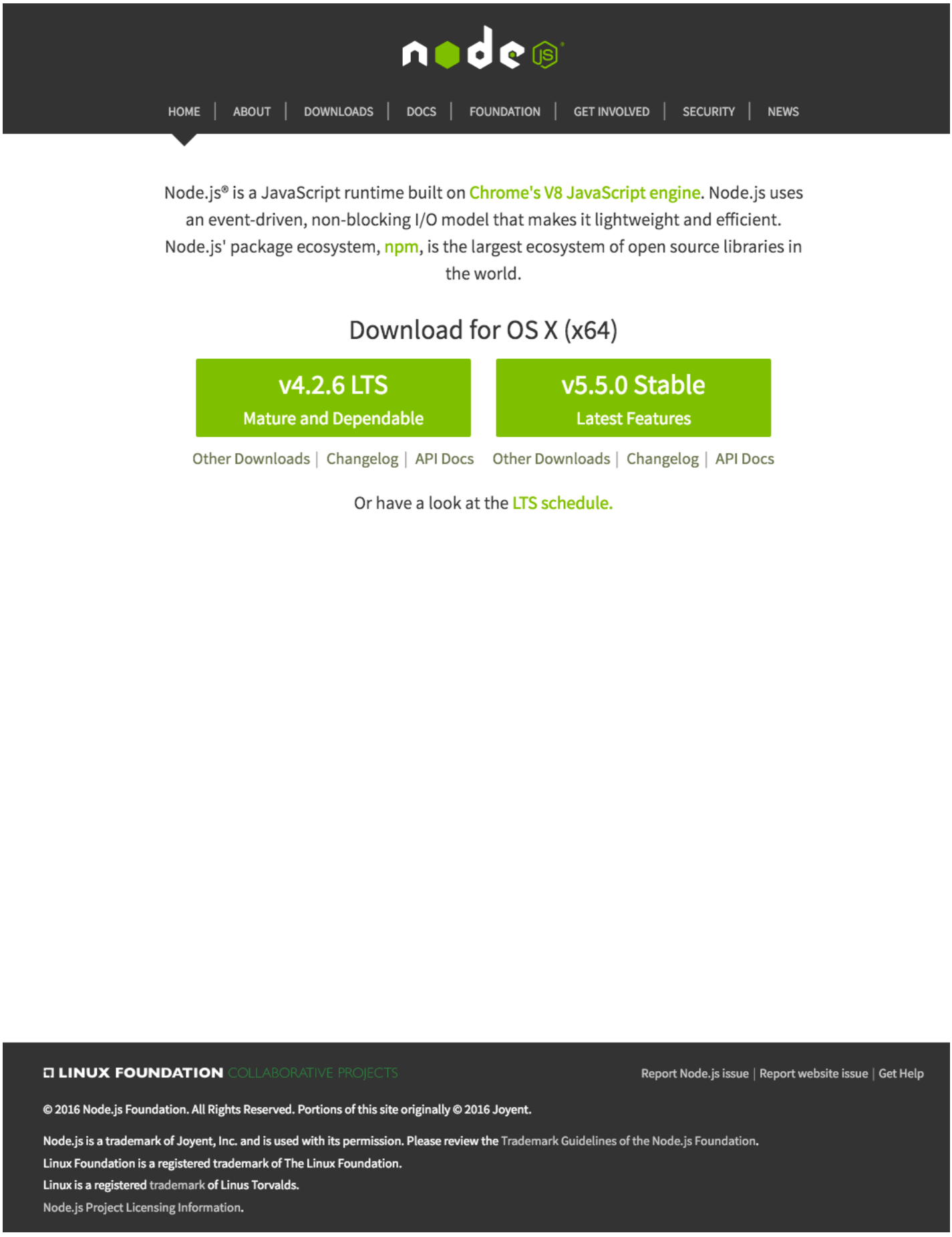
Objectives and Outcomes

In this exercise, you will learn to set up the Node.js environment, a popular Javascript based server framework, and node package manager (NPM) on your machine. To learn more about NodeJS, you can visit https://nodejs.org. For this course, you just need to install Node.js on your machine and make use of it for running some front-end tools. You will learn more about the server-side support through Node.js in a subsequent course. At the end of this exercise, you will be able to:

- Complete the set up of Node.js and NPM on your machine
- Understand the basics of Node.js and NPM

Installing Node

- To install Node on your machine, go to https://nodejs.org and click on the Download button. Depending on your computer's platform (Windows, MacOS or Linux), the appropriate installation package is downloaded.As an example, on a Mac, you will see the following web page. Click on the Download button. Follow along the instructions to install Node on your machine. (Note: Now Node gives you the option of installing a mature and dependable version and a more newer stable version. You can choose to install the mature and dependable version. I will continue to use this version in the course. You can choose to install the newer stable version if you wish. You may not see any perceptible differences between the two as users).



Note: On Windows machines, you may also need to install Git on your machine if you don't have it already installed. Some of the Node based tools that we use later will need Git to be installed. You

can download the installer from here.Note: On Windows machines, you may need to configure your PATH environmental variable in case you forgot to turn on the add to PATH during the installation steps.

Verifying the Node Installation

- Open a terminal window on your machine. If you are using a Windows machine, open a cmd window or PowerShell window with **admin** privileges.
- To ensure that your NodeJS setup is working correctly, type the following at the command prompt to check for the version of **Node** and **NPM**

```
node -v

npm -v
```

Conclusions

At the end of this exercise, your machine is now ready with the Node installed for further development. We will examine web development tools next.