

You are in: [DevOps Technical Workshop Wiki](#) > [V2 - Course Prereqs](#) > V2 Git, Docker, Jenkins & NodeJS

V2 Git, Docker, Jenkins & NodeJS

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Git 101

Git is used throughout the course. Please do the first of these tutorials before attending the course if your git skills are somewhat lacking.

Knowledge of git will be helpful, and you should view this 15-minute tutorial before you start the lab exercises in this course:

<https://try.github.io/levels/1/challenges/1>

You may also want to view this simple guide on how to get started with git:

<http://rogerdudler.github.io/git-guide/>

If you would like more information, the videos on `git-scm` will help you get up to speed:

<http://git-scm.com/videos>

If you would like to gain a deeper understanding of git (not required for this course), please view the Atlassian git Tutorials.

<https://www.atlassian.com/git/tutorials>

Git flow is one of the many git workflows used explore it here

<https://www.atlassian.com/git/tutorials/comparing-workflows/>

Docker

Docker is used in this course as way of packaging our application and promoting it through different environments. Explore it here

<https://www.docker.com/what-docker>

The Learncode.academy is a good place to start exploring Docker. The first video gives a good demystifying overview of Docker

<https://www.youtube.com/watch?v=pGYAg7TMmp0>

NodeJS

Node JS is a server side JavaScript runtime that uses an event loop to create a non blocking execution model. Often it is used in modern web development to serve up static files and build out RESTful interface. Explore it here

<https://nodejs.org/en/about/>

https://www.tutorialspoint.com/nodejs/nodejs_introduction.htm

Jenkins

Before you install the VM, please view the "Meet Jenkins" web page to learn about this cross-platform, continuous integration, and continuous delivery application.

<https://wiki.jenkins-ci.org/display/JENKINS/Meet+Jenkins>

Lab Cheat Sheet

Review the Lab Cheat Sheet before you attempt the lab exercises. There, you will discover tips and shortcuts. V2 Lab Cheat Sheet is found at the end of the Navigation tree.

Comments

There are no comments.