Git downloads:

<https://git-scm.com/downloads>

node.js download:

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

### [Node JS](https://nodejs.org/en/)

[Node JS](https://bb-gbc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_193275_1&content_id=_5299573_1)

Requisite installation for those not using lab machines.

A JavaScript runtime built on Chrome's V8 JS engine.

<https://nodejs.org/dist/v10.16.3/node-v10.16.3-x86.msi>

**Terms Used**

[Terms Used](https://bb-gbc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_193275_1&content_id=_5299573_1)

* DevOps
  + A set of practices which produces a culture designed to accelerate an organizations productivity, increase software releases and improve collaboration amongst teams. DevOpsfocuses on improving the Software Development Life Cycle(SDLC). Through close examination of each stage, a DevOpsengineer makes informed decisions to help optimize the overall process with the objective of increasing the volume of software releases, updates and fixes. This is commonly done through utilizing various technologies such as - automation suites, scripting languages, software and metrics collected through monitoring applications.
* BASH
  + Bourne-Again Shell-Unix shell and command language.Most operating system terminals run this language by default. BASH is used to have command line access to your system files, use commands to execute operations, write script files which contain BASH syntax for automating or simplifying tasks.
* Terminal or shell
  + An interface that provides command line access to your machines system. Terminals are used to configure an operating system, perform CRUD operations on system files, execute software and automate tasks. A terminal will come with a built in language to use for commands, most commonly BASH is used as the language for the shell. Windows, macOS and Debian flavours of Linux are using BASH by default today. macOS plans to switch for ZSH in the future.
* Node
  + Simply put; server-side JavaScript. Have you ever ran JavaScript commands in a Chrome browser's developer console? Node can be thought of as the engine behind that console (V8), ripped out and configured to serve as an applications back-end. Node also offers a command line tool called NPM (Node Package Manager). NPM allows us to install third-party dependencies and interface with Node on the command line.
* A build or an "application build"
  + Typically some type of compilation process where all relevant project dependencies, source code, media and building some sort of binary or executable containing an application for use by an end-user or machine.
* Build Process
  + The intricacies of the process that must be completed for a specific application to be built. The build process can often times be configured or created with code. Build processes can be customized to meet the specific needs for software products.
* CI/CD pipeline or "pipeline"
  + A set of sequences used to deliver a product from development to release. These sequences are typically automated and configured through code. It can be looked at as a horizontal stages which consists of separate actions that have the intention of producing an end-to-end process for software releases/updates.