**Installing Truffle**

In this lesson, we are going to cover how to install Truffle.

If you are on a windows machine follow the next couple of steps. Install chocolatey from <https://chocolatey.org/>.

Once it is installed, open a Powershell prompt as an Administrator and run the following commands (last command optional):

$ choco install nodejs.install –y

$ choco install git –y

$ npm install -g npm

$ npm install -g -production windows-build-tools

$ choco install VisualStudioCode -y

The rest of the tutorial is relevant for everyone regardless of your operating system.

Check if npm is installed on your machine. You can do this by entering **npm -v** in your terminal. If npm is installed, it will return the version number.

If npm is not installed you can install it from <https://www.npmjs.com/get-npm>

Run the following commands in the command lines as root/administrator.

$ sudo npm install -g ganache-cli

$ sudo npm install -g truffle

The previous commands should execute without error.

Ganache CLI and Truffle are now installed on your machine!

If you are still running into problems on Windows check [this Truffle documentation about resolving naming conflicts](https://truffleframework.com/docs/truffle/reference/configuration#resolving-naming-conflicts-on-windows).

Additional Resources:

1. [How to install Truffle and Ganache CLI on Windows for blockchain development](http://truffleframework.com/tutorials/how-to-install-truffle-and-testrpc-on-windows-for-blockchain-development)
2. The Truffle docs quickstart on [working with Ganache](https://truffleframework.com/docs/ganache/quickstart)
3. [Configuring Visual Studio Code for Blockchain Development](http://truffleframework.com/tutorials/configuring-visual-studio-code)
4. [Resolving naming conflicts on Windows](http://truffleframework.com/docs/advanced/configuration#resolving-naming-conflicts-on-windows)