

Setting up your desktop

Desktop Development Environment creation

Purpose

How to set up your development environment.

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Required Tools

Visual Studio Code

Visual Studio Code

Download

<https://code.visualstudio.com/>

Help getting started

<https://developer.ibm.com/learningpaths/get-started-nodejs/install-nodejs/>

Standard Node JS Stack

Standard Node JS Stack

Follow the advice here:

<https://cloud.ibm.com/docs/cli?topic=cli-getting-started>

- - Homebrew (Mac only)
 - Git
 - Docker
 - Helm
 - kubect1
 - curl (Linux™ only)
- IBM Cloud Functions plug-in
- IBM Cloud Object Storage plug-in
- IBM Cloud Container Registry plug-in
- IBM Cloud Kubernetes Service plug-in

Download

Git

Git

<https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>

- When using Git setup, make sure to change the Use Vim(default editor used by Git) to Use Visual Studio Code. If not you'll have to manually change in terminal with **git config --global core.editor "code --wait"**
- Configure line endings with:
git config --global core.autocrlf true (Windows)
git config --global core.autocrlf input (Mac or Linux)

SSH Key

Creating SSH Key from Git Repository

<https://docs.github.com/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>

Note: If you see an error that says Bad configuration option: usekeychain

Add an additional config line on the document in the .ssh/config file, E.g. below

Host *

AddKeysToAgent yes

IgnoreUnknown UseKeychain

UseKeychain yes

Adding a new SSH Key

<https://docs.github.com/en/authentication/connecting-to-github-with-ssh/adding-a-new-ssh-key-to-your-github-account>

Or you can do manually...

Open and copy .pub key from .ssh/id_....pub file and use when Creating New SSH key

Clone Repo

After creating your key go to the repository and click code and copy the link

<https://github.ibm.com/tonye1-ibm/Metlife-Product-Centric>

Once copied head to the terminal and once in the path that you want to save the file like documents use **git clone git@github.ibm.com:tonye1-ibm/Metlife-Product-Centric.git**

Node JS

Node JS

Download

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

Help getting started

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Yarn

Once you have installed Node.js you can use the npm to install the yarn package and in the node terminal enter

npm install yarn -global

<https://classic.yarnpkg.com/lang/en/docs/install/#windows-stable>

Developer Docs

Openshift CLI

Openshift CLI

Download

<https://access.redhat.com/downloads/content/290>

Download 4.7

References

<https://cloud.ibm.com/docs/cli?topic=cli-getting-started>

<https://docs.github.com/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>

<https://classic.yarnpkg.com/lang/en/docs/install/#windows-stable>

Based on this:

<https://developer.ibm.com/bluemix/docs/actionable-architecture-secure-hybrid-data-warehouse-bluemix-big-data-workshop-1/>

helpful

<http://odewahn.github.io/docker-jumpstart/boot2docker.html>

<https://developer.ibm.com/learningpaths/get-started-nodejs/>