### 1) Installing Docker

The free Docker Community Edition is fine for development and even production use. If you’re running a recent version of Windows 10 or macOS, the best option is Docker Desktop; older versions can use Docker Toolbox. Docker also supplies installation packages for all the major Linux distributions. Start by installing Docker using the most appropriate option for you--you’ll need to create a Docker Hub account for the downloads, which is free and lets you share applications you’ve built for Docker.

#### 1.1 ) Installing Docker Desktop on Windows 10

Browse to [*www.docker.com/products/docker-desktop*](http://www.docker.com/products/docker-desktop) and choose to install the stable version. Download the installer and run it, accepting all the defaults. When Docker Desktop is running you’ll see Docker’s whale icon in the taskbar near the Windows clock.

#### 1.2) Installing Docker Desktop on macOS

Browse to [*www.docker.com/products/docker-desktop*](http://www.docker.com/products/docker-desktop) and choose to install the stable version. Download the installer and run it, accepting all the defaults. When Docker Desktop is running, you’ll see Docker’s whale icon in the Mac menu bar near the clock.

#### Or

#### 1.3) Installing Docker Toolbox

If you’re using an older version of Windows or OS X, you can use Docker Toolbox. The end experience with Docker is the same, but there are a few more pieces behind the scenes. Browse to [*https://docs.docker.com/toolbox*](https://docs.docker.com/toolbox) and follow the instructions--you’ll need to set up virtual machine software first, like VirtualBox (Docker Desktop is a better option if you can use it, because you don’t need a separate VM manager).

### 2 ) Create a Docker Hub account

Your Docker ID becomes your user namespace for hosted Docker services, and becomes your username on the Docker Forums. To create a new Docker ID:

1. Go to the [Docker Hub signup page](https://hub.docker.com/signup/).
2. Enter a username that is also your Docker ID.

Your Docker ID must be between 4 and 30 characters long, and can only contain numbers and lowercase letters.

1. Enter a unique, valid email address.
2. Enter a password. Note that the password must be at least 9 characters.
3. Complete the Captcha verification and then then click **Sign up**.

Docker sends a verification email to the address you provided.

1. Verify your email address to complete the registration process.

### 3. Enable Kubernetes Option

Open Docker Desktop settings by clicking on the whale icon. Click `Enable Kubernetes` option Docker Desktop will download all the Kubernetes components and run on a single node cluster

Graphical user interface, text, application, email

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