Introduction to Docker

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Outline

1. What is Docker
2. How to setup Docker
3. How does it work

What is Docker ?

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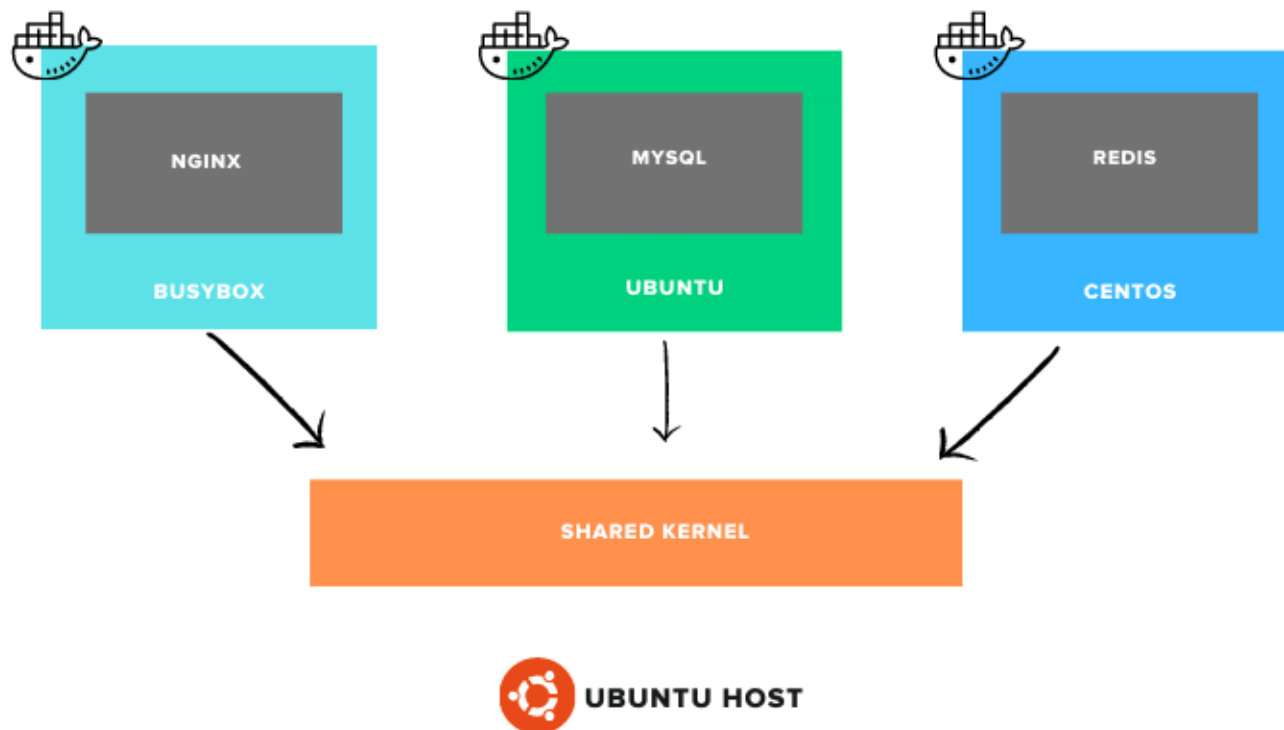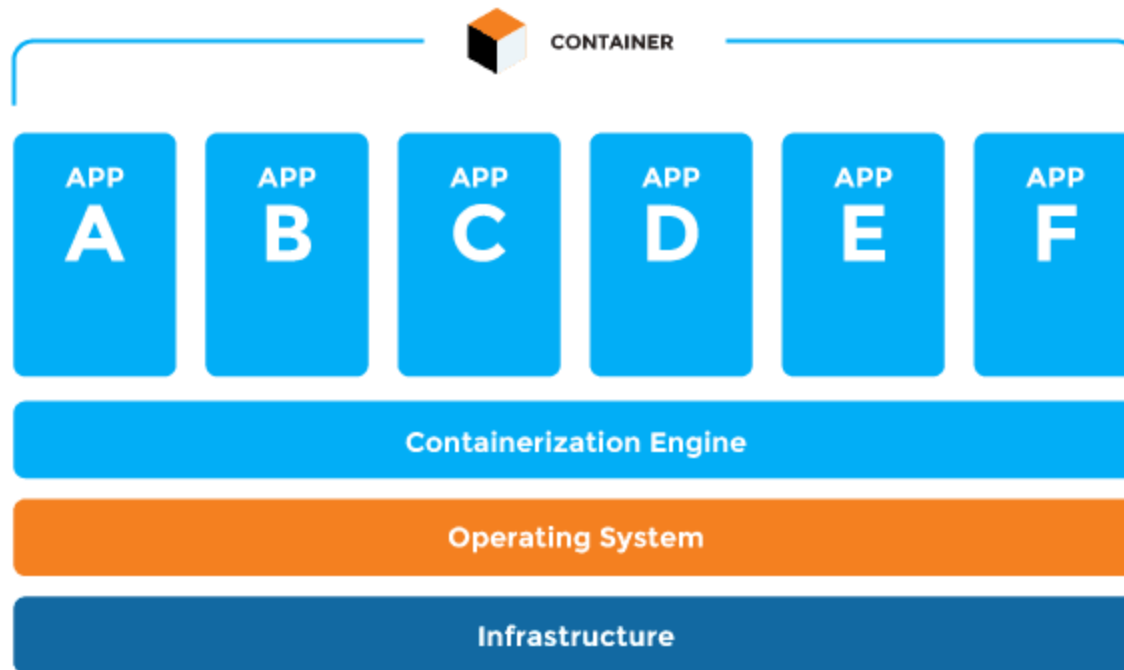
What's docker?

Docker is a tool that allows developers, system administrators etc. to easily deploy their applications in a sandbox (called *containers*) to run on the host operating system i.e. Linux.
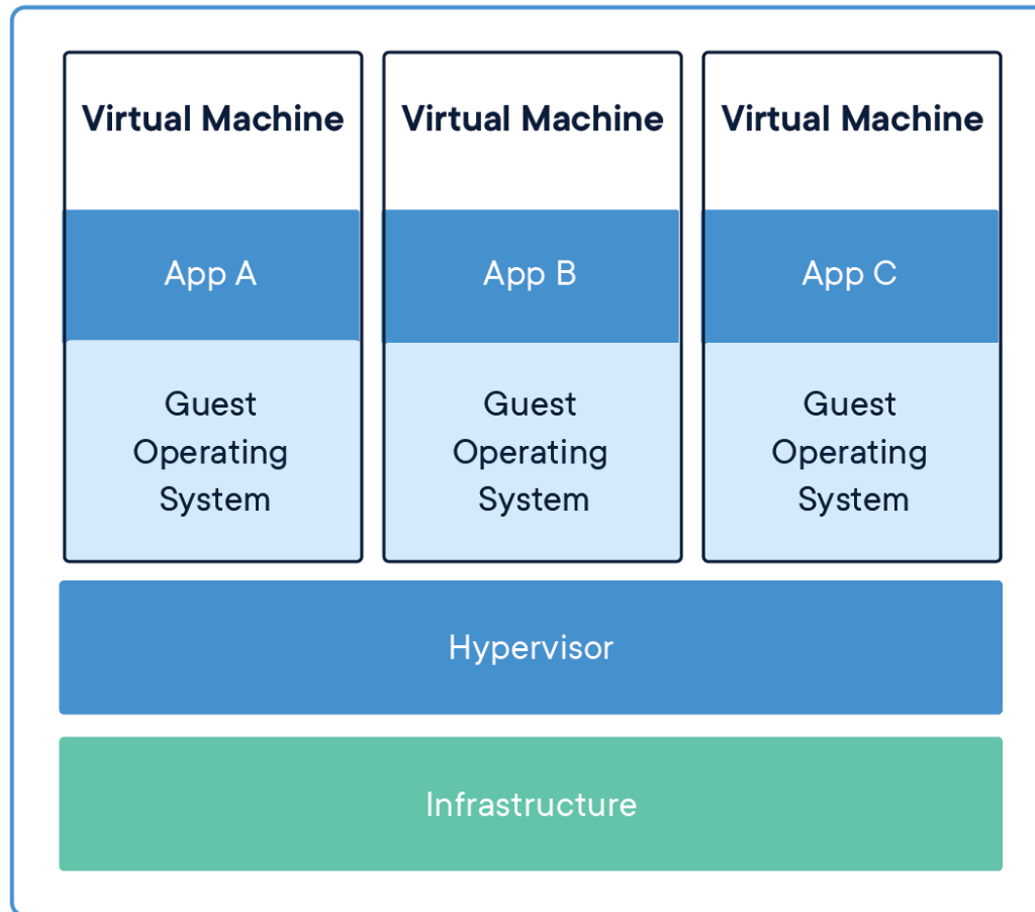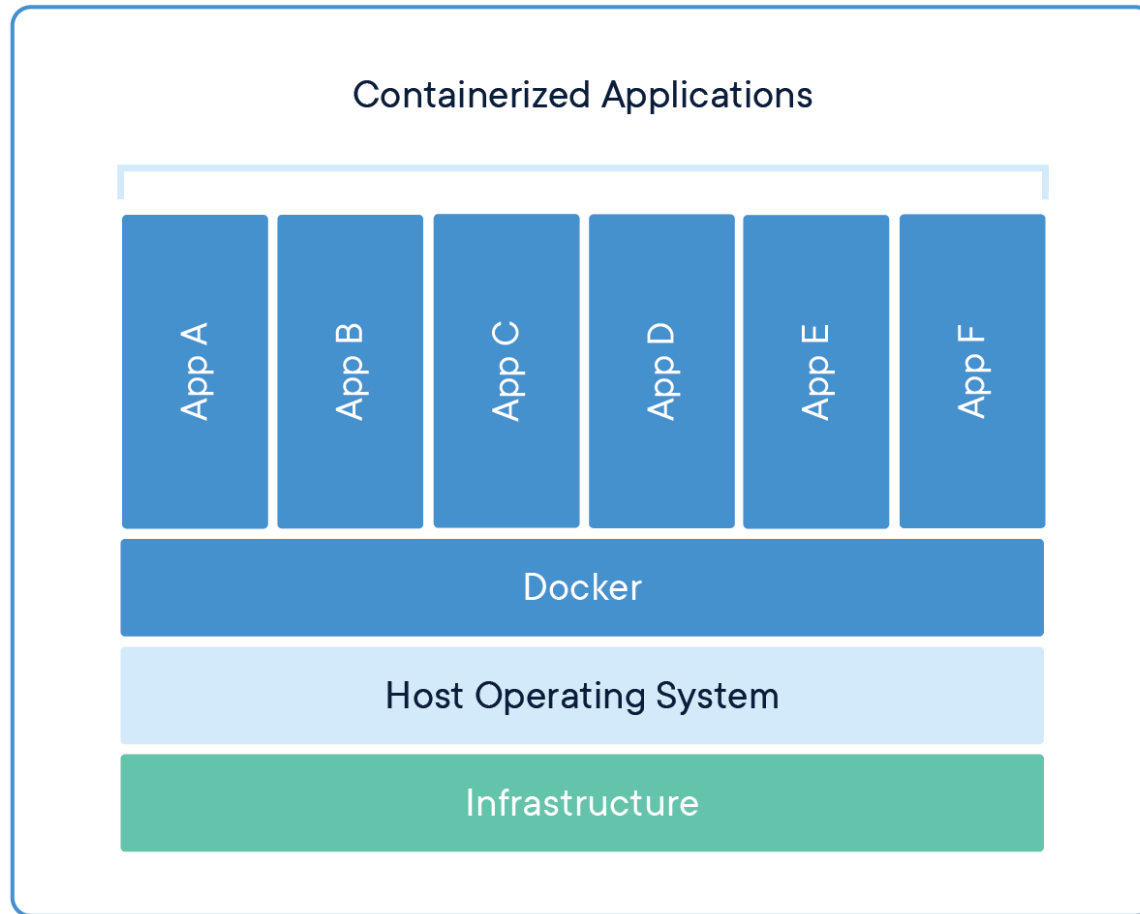
What are containers?

A container is a standard unit of software that packages up code and all its dependencies, so the application runs quickly and reliably from one computing environment to another.

Containers vs Virtual Machines

Containers vs Virtual Machines

Why used Container over VM?

- Simplicity (easy to use) & Fast
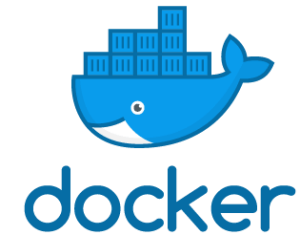- Collaboration
- Flexibility
- Totality or Consistency

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Installation

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New Windows Terminal

Docker

Ubuntu or Other
Linux Distribution

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