Docker manages containers which are useful to run applications across environments. A container contains all applications, libraries, code and dependencies needed to run an application regardless of what’s installed on the local machine.

Containers share host’s operating system and are quicker than VM (own operating system).

Images – blueprints for containers. You can share the image so many people can run instances of the same container.

Images are made of layers

* first one is parent – OS and sometimes the runtime environment
* Other layers anything else – source code, dependencies, run commands

You can pull the node image from docker (node.js or python for example) – “docker pull node”

Containers – running instance of an image