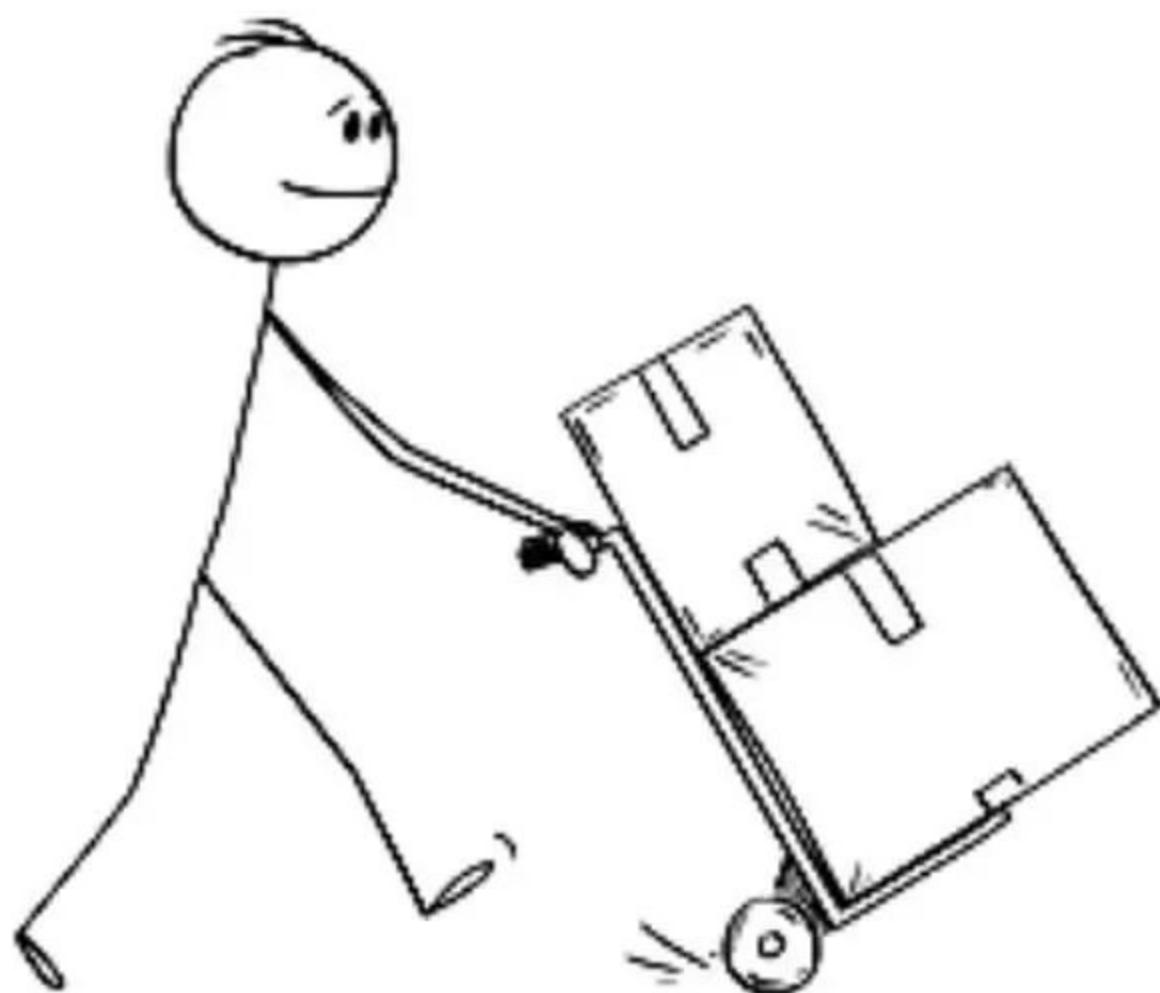




WHAT IS **DOCKER**





Development

**Lets say You created
an Application**

And that's working fine in
your machine





Production

**But in Production it
doesn't work properly**

Developers experince it a lot

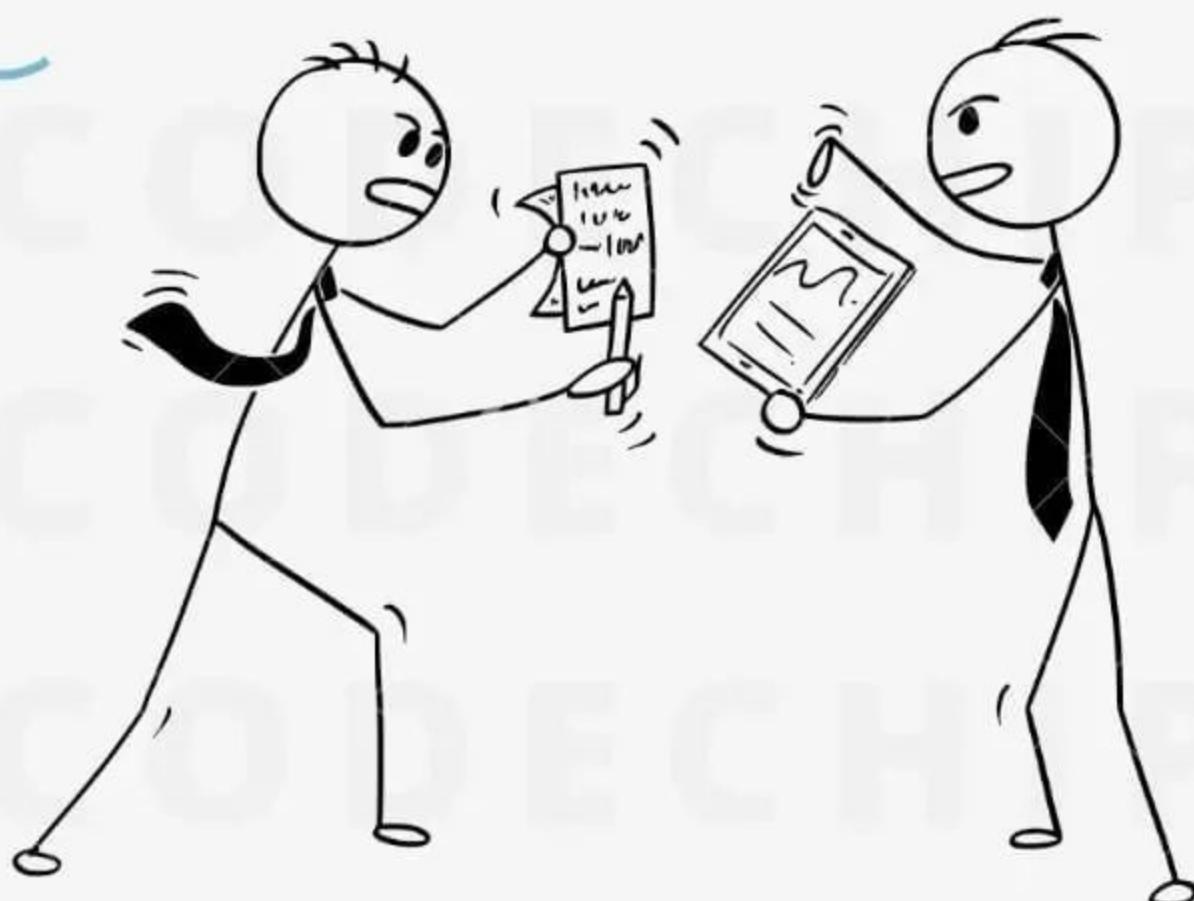




That is when the Developer's famous words are spoken

It works on my machine

Your application is
not working





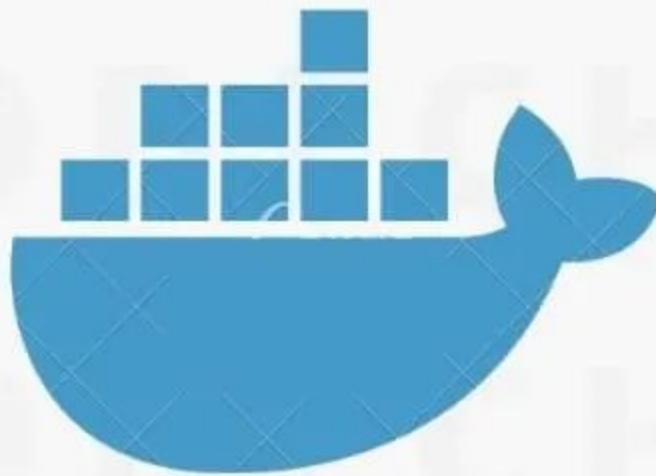
The Reason could be due to :

- Dependencies
- Libraries and versions
- Framework
- OS Level features
- Microservices

That the developers machine has but
not there in the **production environment**



We need a standardized way to package the application with its **dependencies** and deploy it on any environment.



Docker is a tool designed to make it easier to create, deploy, and run applications by using containers.

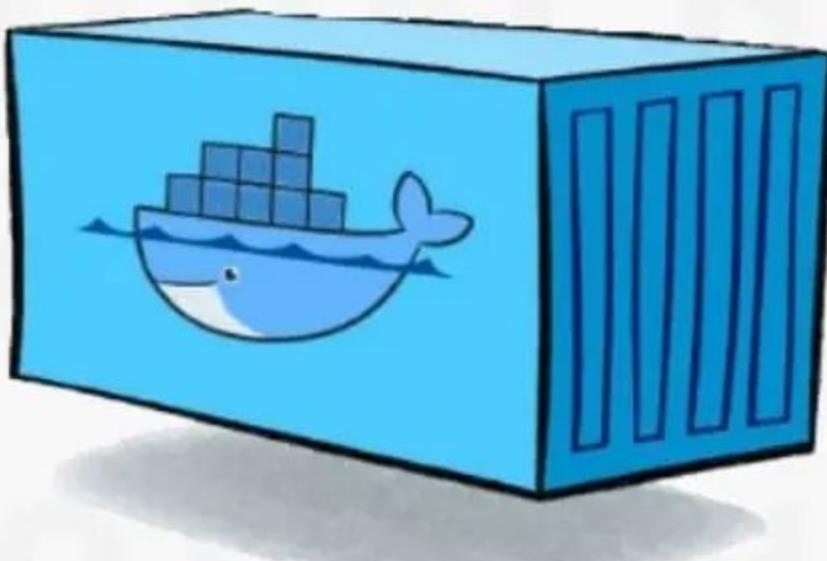


So it will always work the same
regardless of its environment



How Does Docker Work?

Docker packages an application and all its dependencies in a virtual container that can run on any Linux server.





Each container runs as an isolated process in the user space and take up less space than regular VMs due to their layered architecture.

