

How to level up, as a vSphere admin

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Learn new tricks



Agenda

My suggestion is that you start here :

- Git
- Containers
- Automation



Fasten your seatbelt



GIT

Source Control System



What is Git

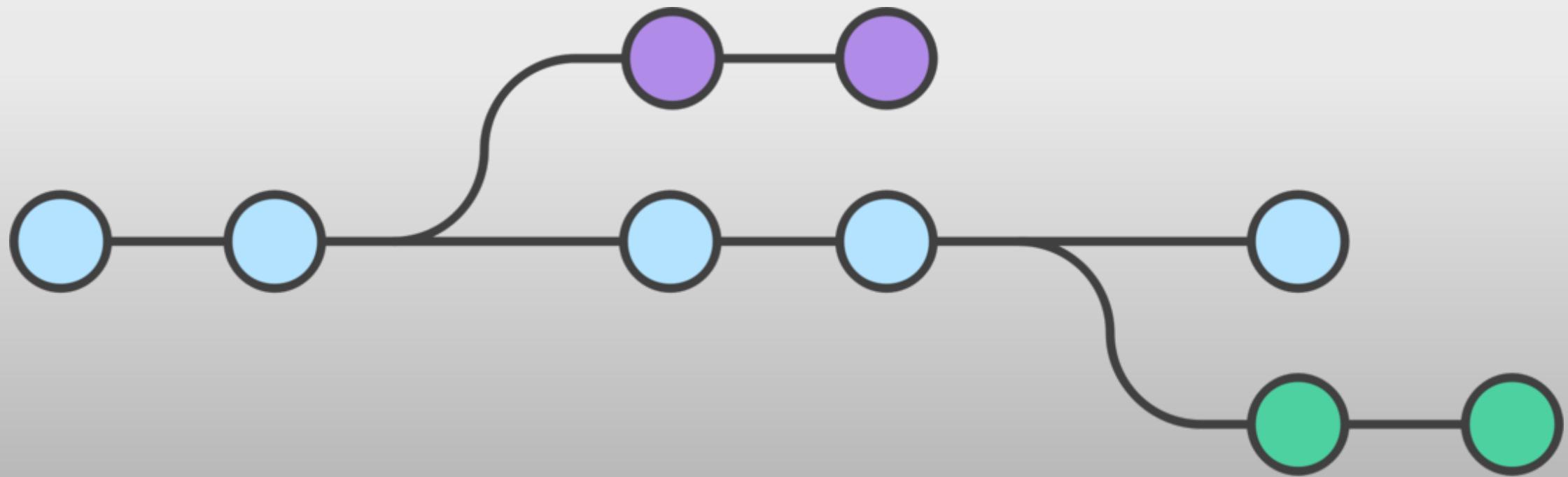


Wikipedia :

Git is software for tracking changes in any set of files, usually used for coordinating work among programmers collaboratively developing source code during software development.



How does Git work



How do I start using it ?



GitHub



GitLab



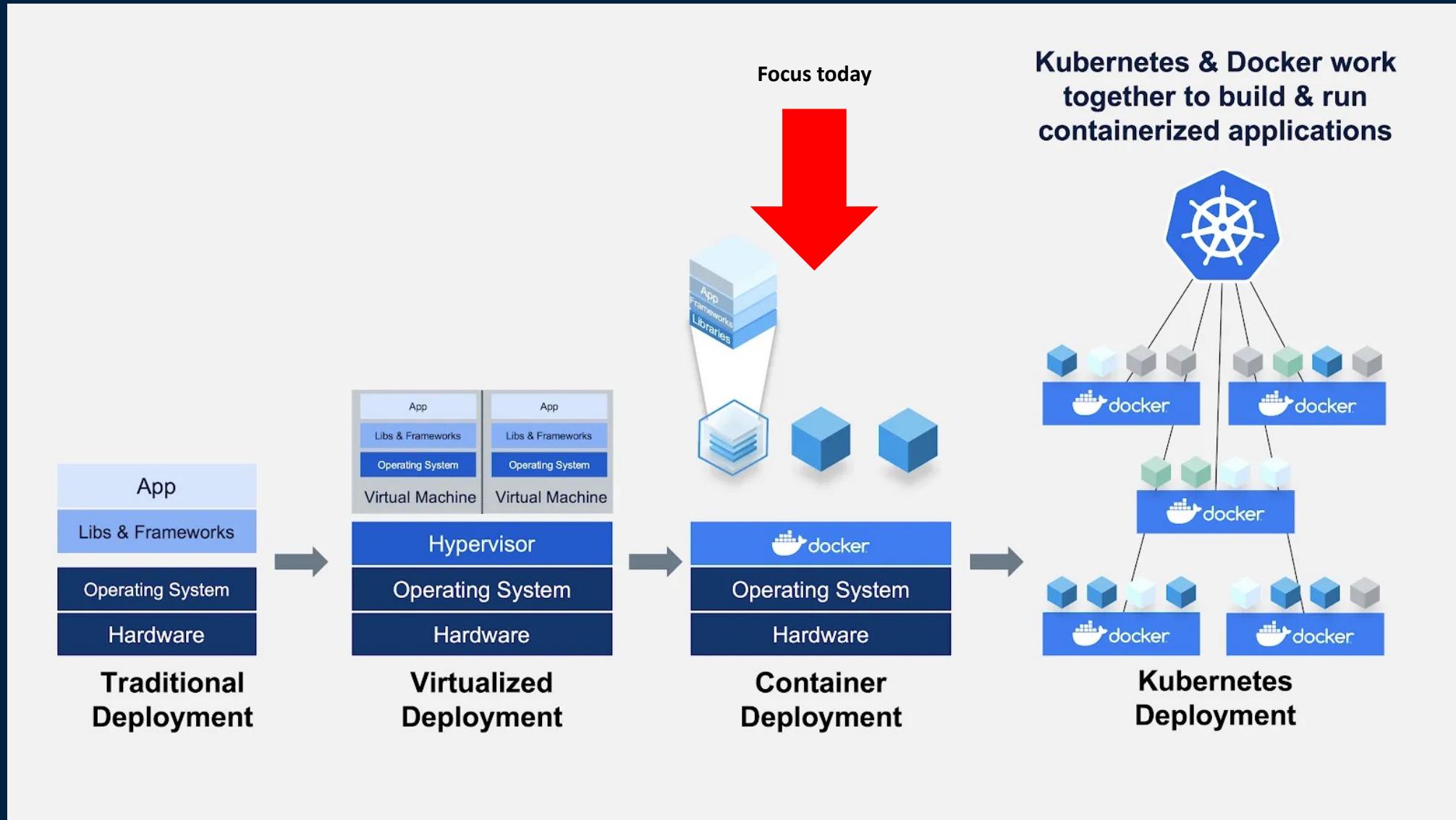
Demo GitHub

- Create Repo
- Add data
- Change data
- Fork a project
- Contribute to that project.



Containers

What is a container



Why containers



- Consistent Environment
- Portability
- Isolation

cpuguy83 @cpuguy83 · 16/01/2021 ...

Docker containers are designed to encapsulate a unit of work. How you define that is up to you. Since forever people have been saying it is for a single process, and this is not true.

Docker starts a single process. What that process does is up to you and your needs.

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Demo Docker

- Create Container
- Run it
- Push it to Hub



Automation



What is Automation ?

Wikipedia : Automation describes a wide range of technologies, that reduce the human intervention in processes.

- Programming
- Scripts
- Tools
- ???

!!! It's not something you do once.

Automation needs to adapt, to an ever changing environment. So make sure, it's easy to maintain and adapt.



Demo Automation

- Automate container push
- Create website
- Create vSphere template



The things we did not have time for today

- CI/CD
- Internal Selling
- Business value
- People & Process

THE END

