bioboxes

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What is bio**boxes**? (1/2)

- Motivated by CAMI & Nucleotid.es

⟶ Reproducibility
Easy to use
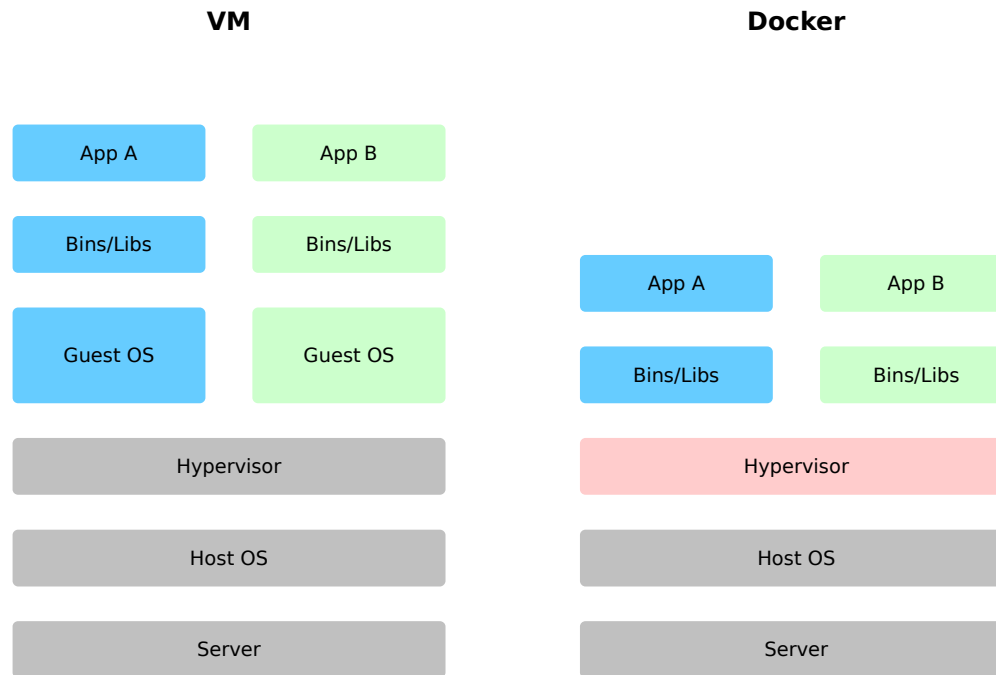Continuous Evaluation

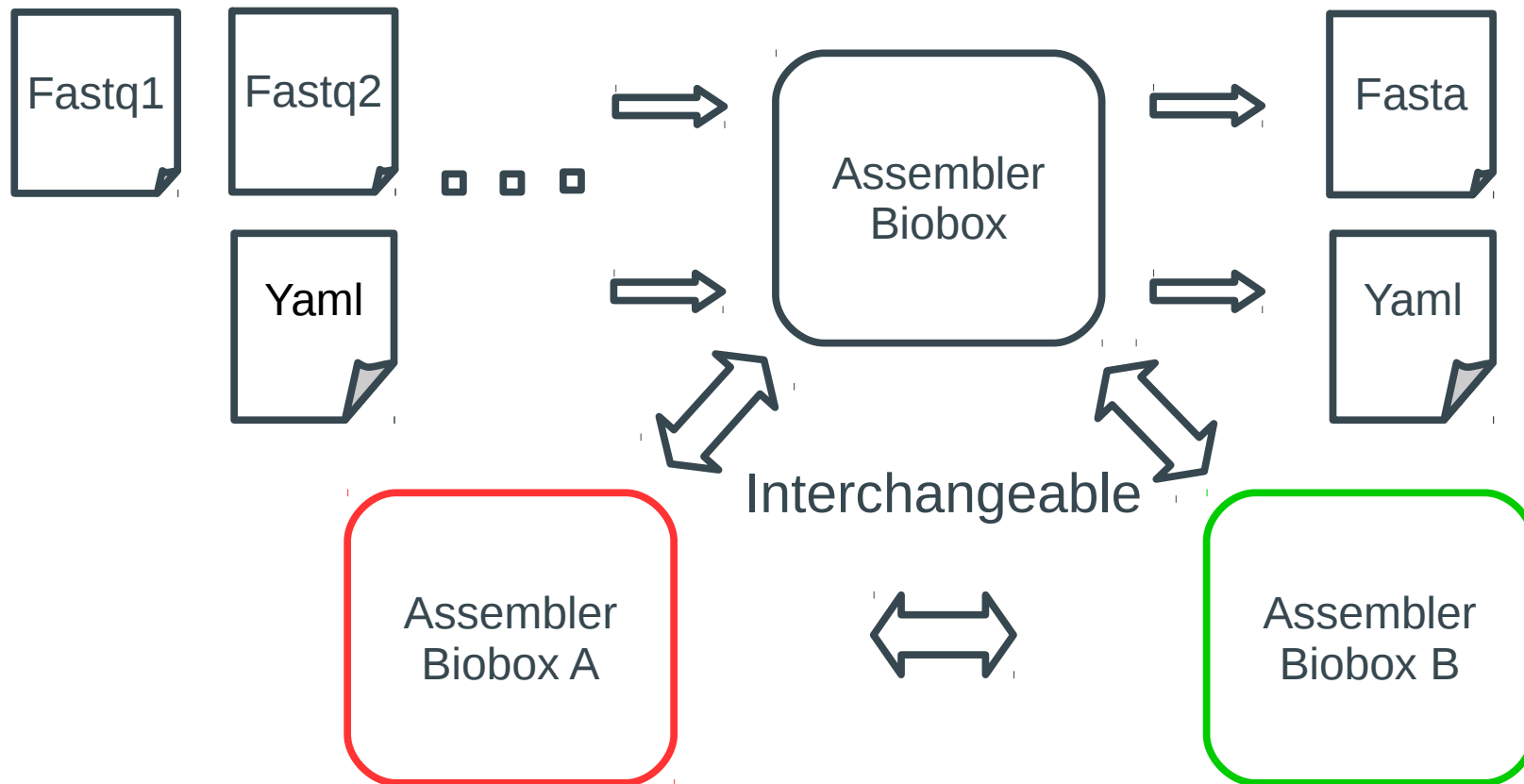A standard for creating interchangeable bioinformatics software containers

What is Docker?

- Platform for creating encapsulated environments

VM

App A	App B
Bins/Libs	Bins/Libs
Guest OS	Guest OS

Hypervisor
Host OS
Server

Docker

App A	App B
Bins/Libs	Bins/Libs

Hypervisor
Host OS
Server

- Solves Development vs. Production Problem

How does bio**boxes** work?

Community Driven

- GitHub

- User & Developer Guide

- Conferences

- Collaborations

Thank you for your attention!

www.bioboxes.org

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Poster: P14