WELCOME CONTAINERS

CONTENT

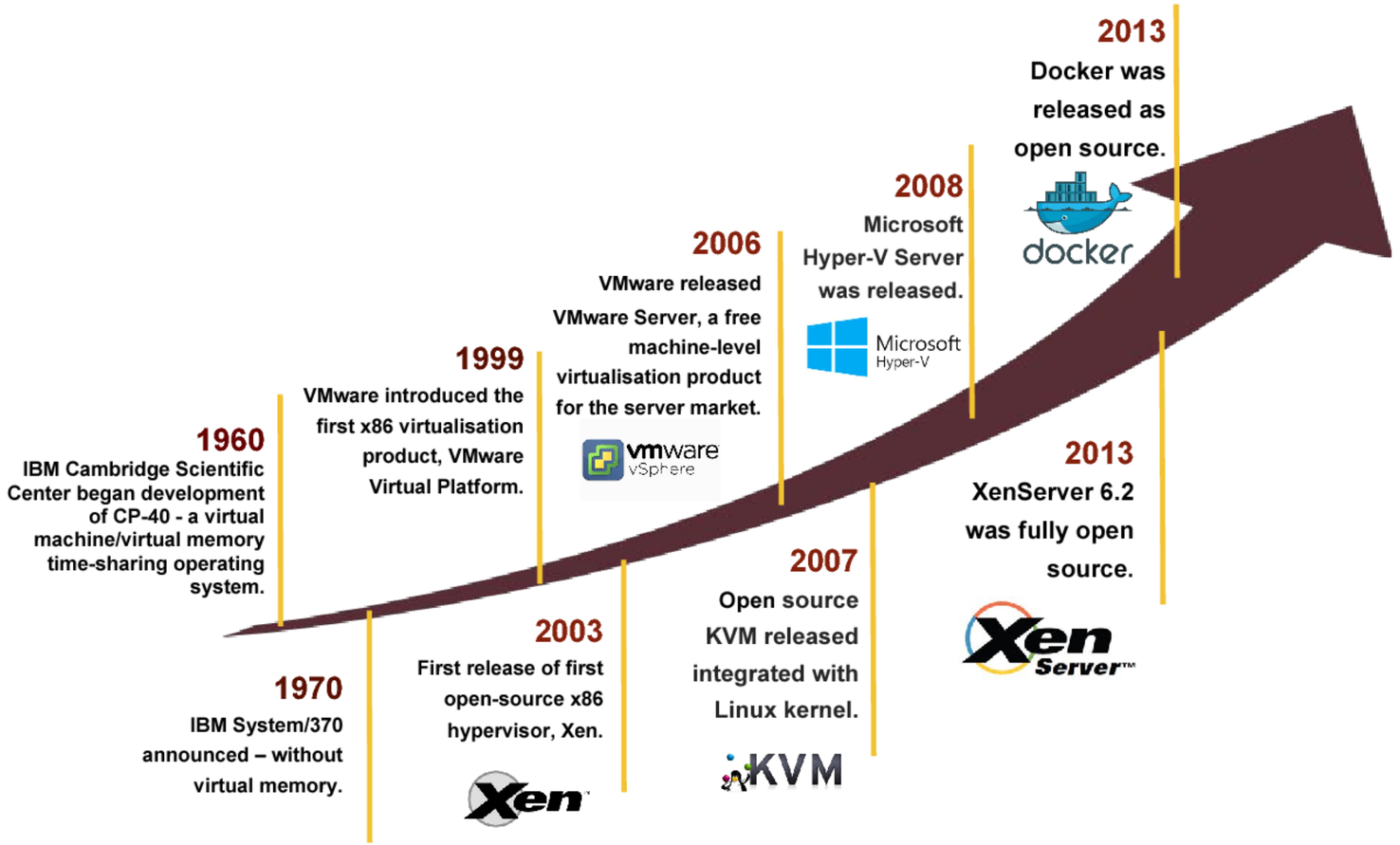
INTRODUCTION

In this presentation I will talk about the history of containers, what they are, why they became popular and why I believe that the technology will become even more popular than now.

SERVER HISTORY

—Cloud is about *how* you do computing, not *where* you do computing

- Paul Maritz



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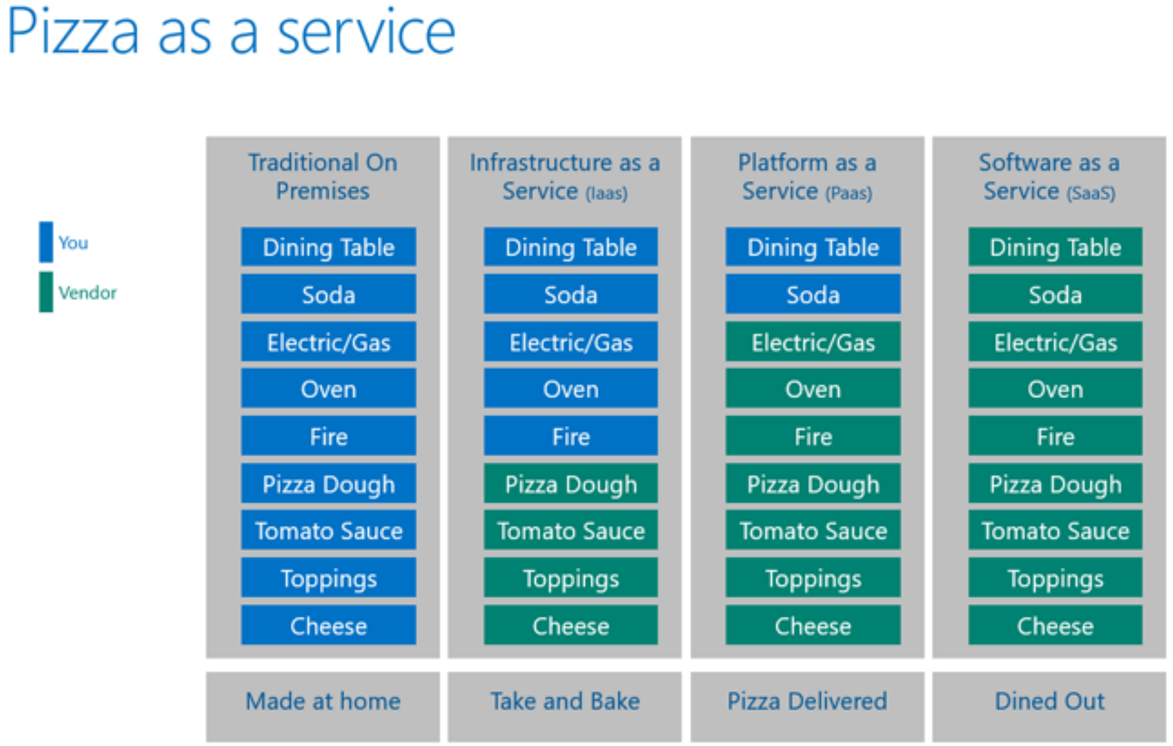
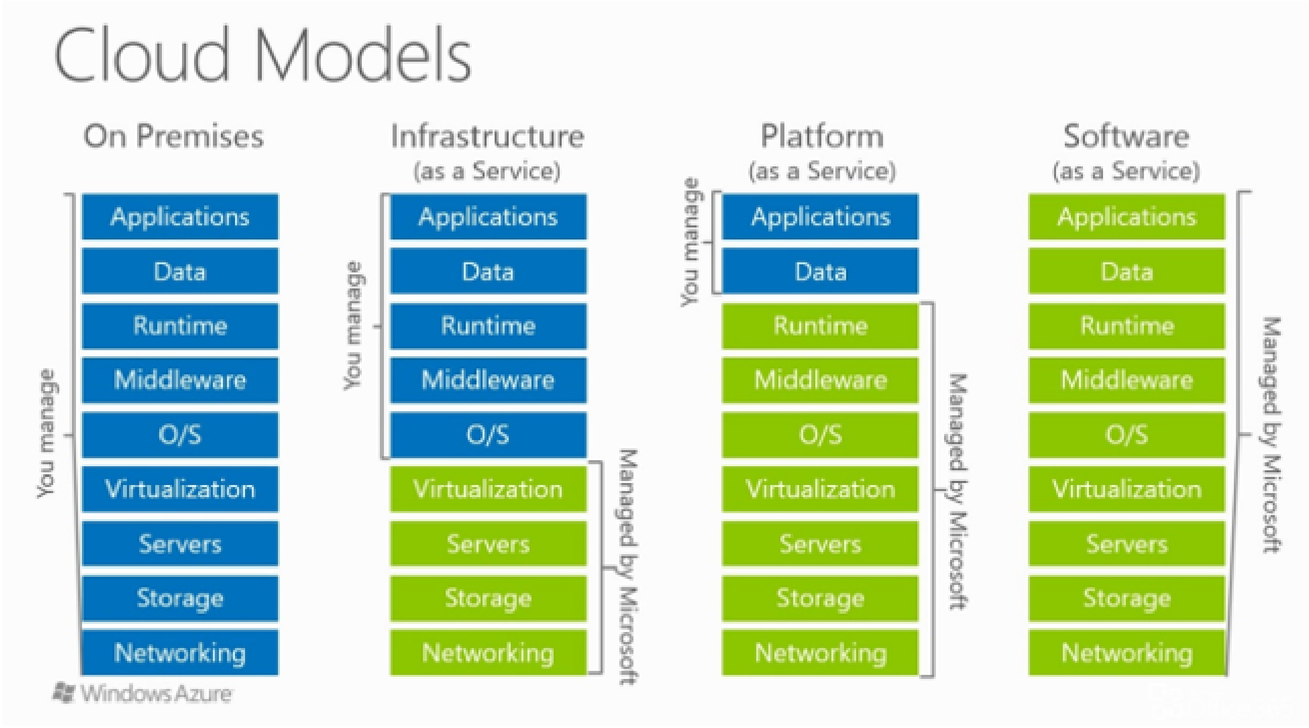
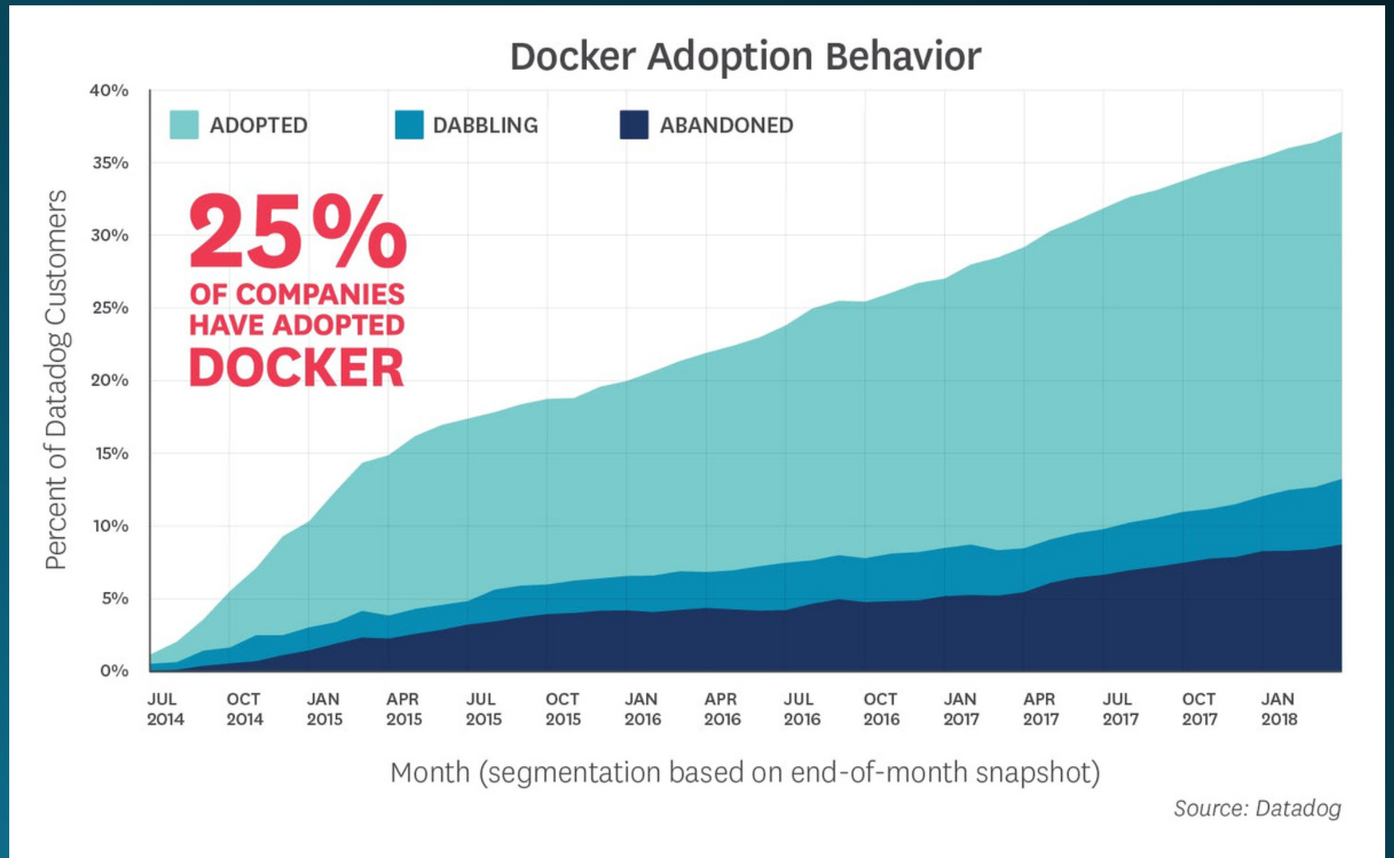
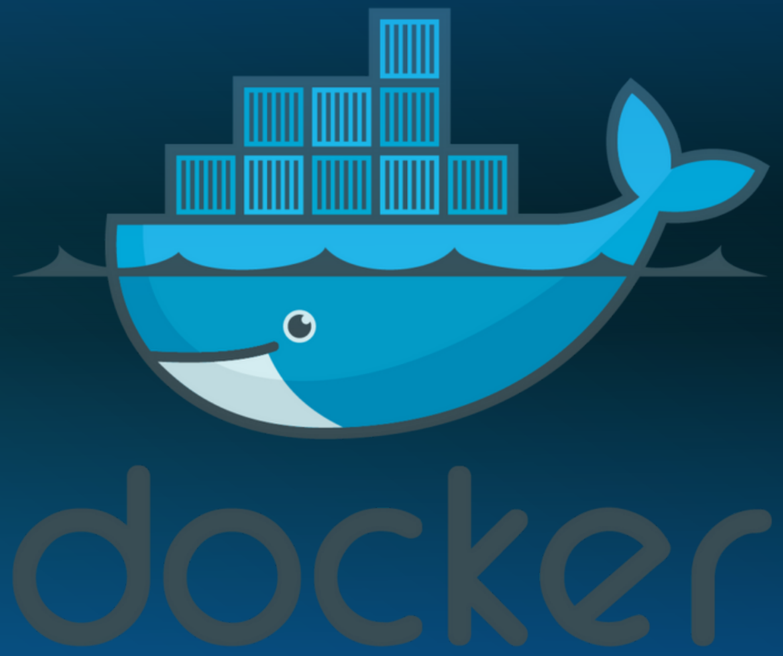




WHAT ARE CONTAINERS?

—And why you should be interested





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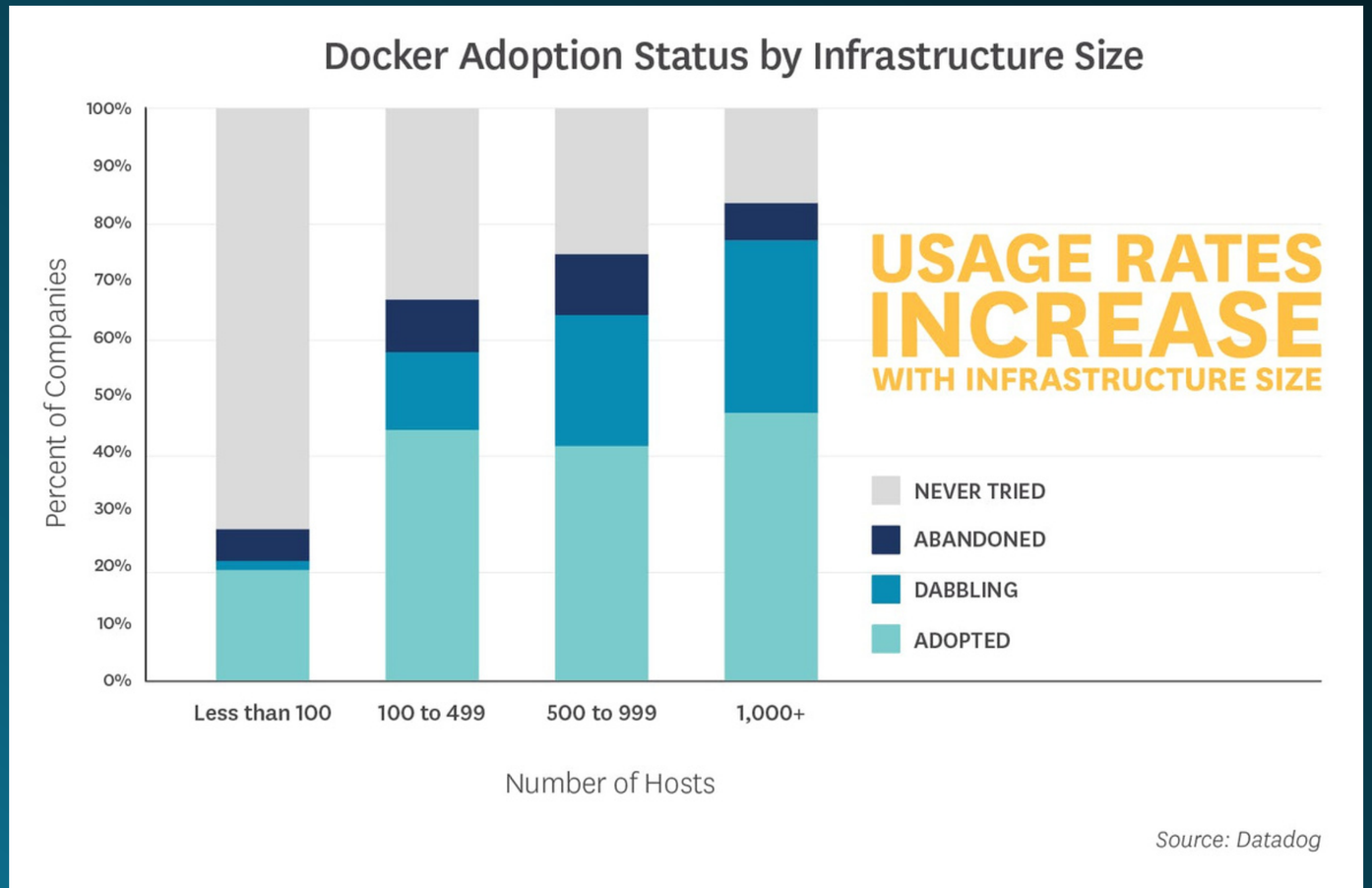

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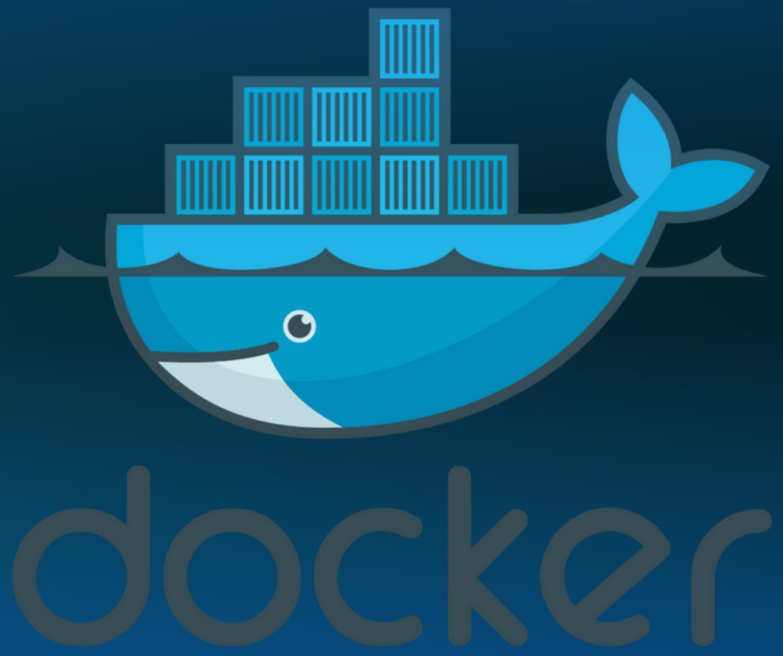

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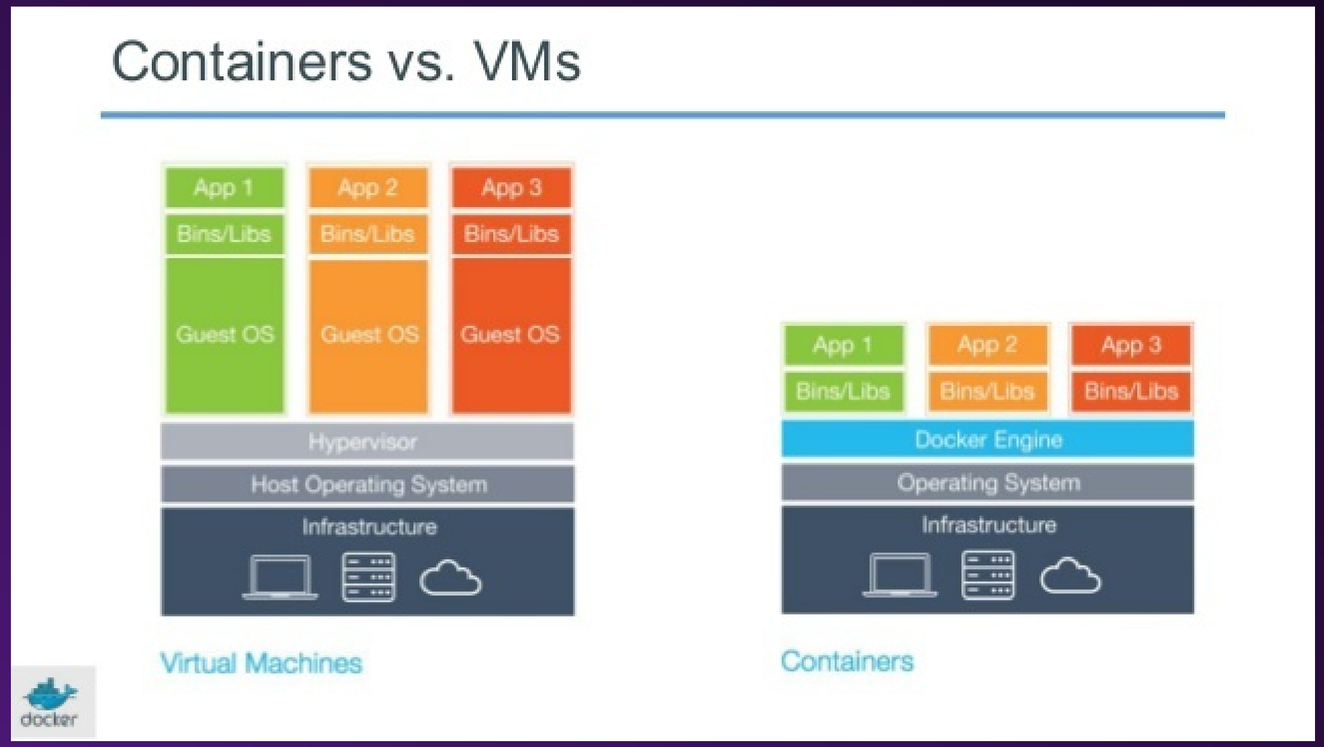

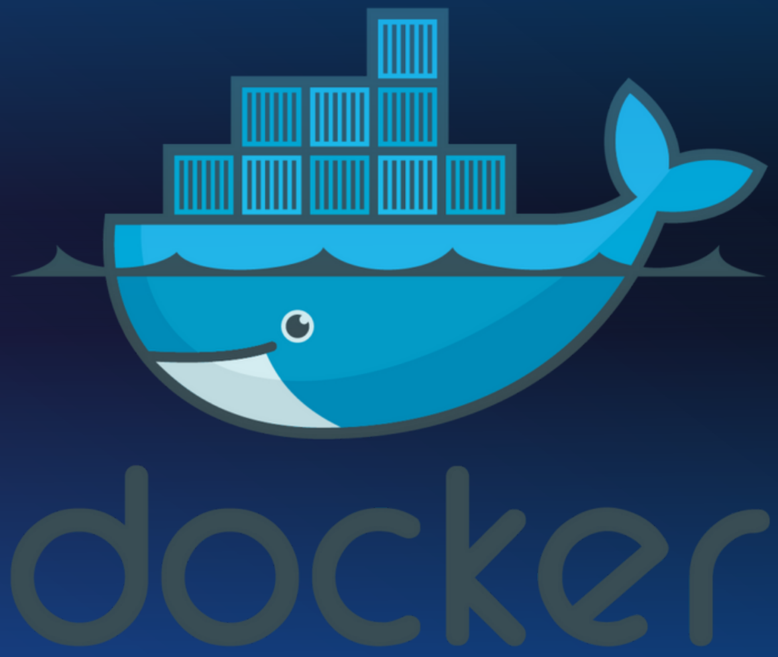

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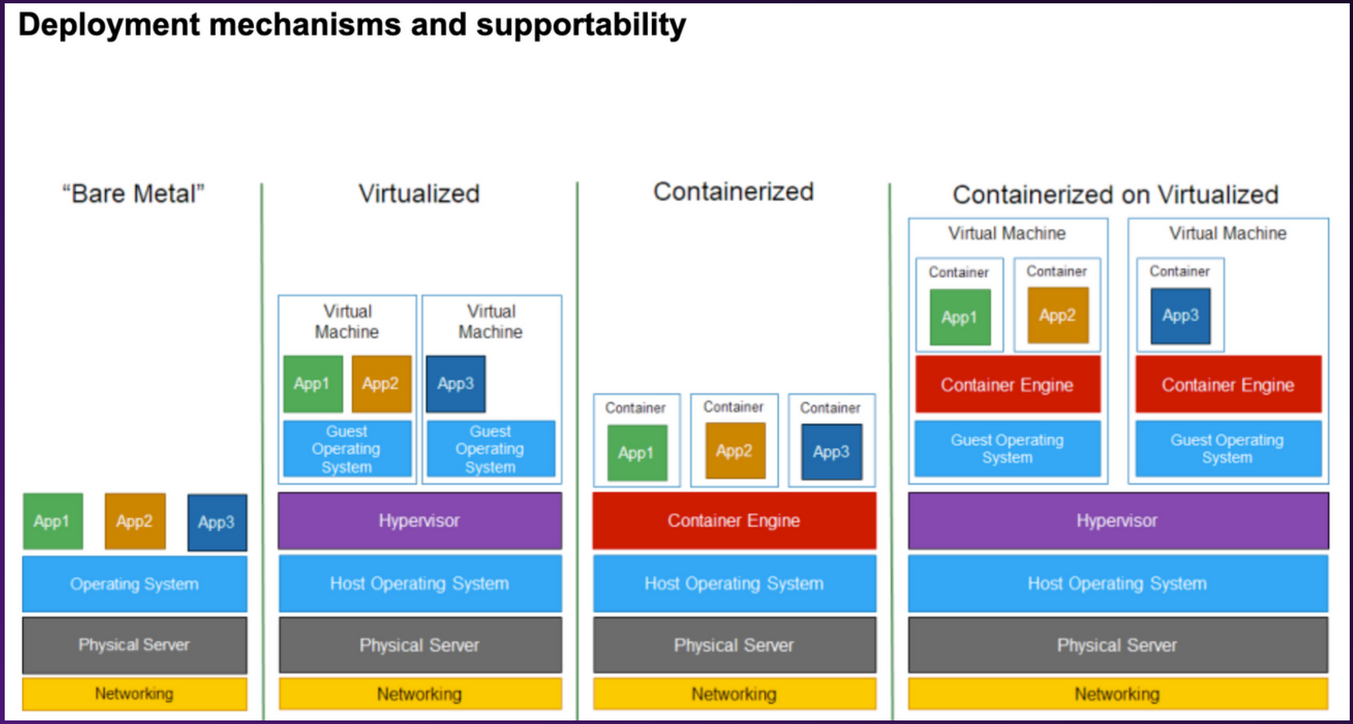
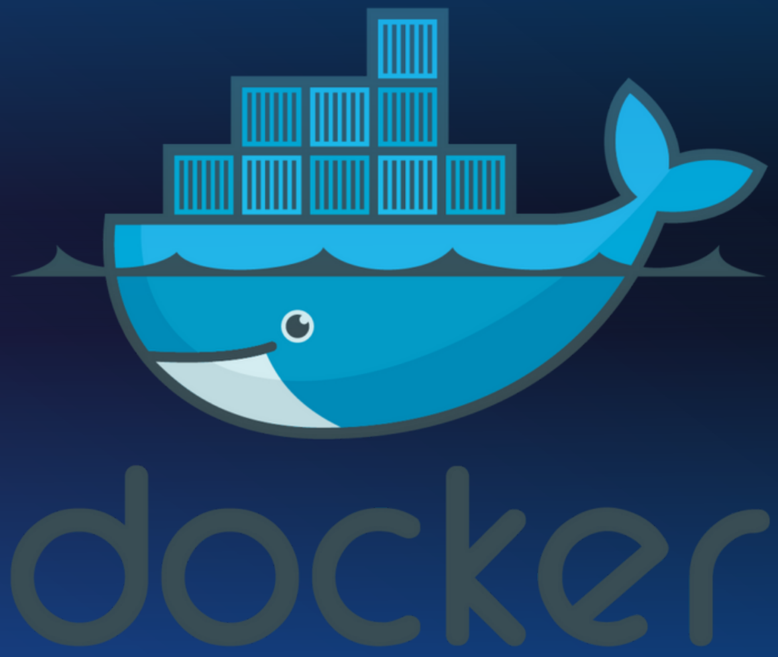
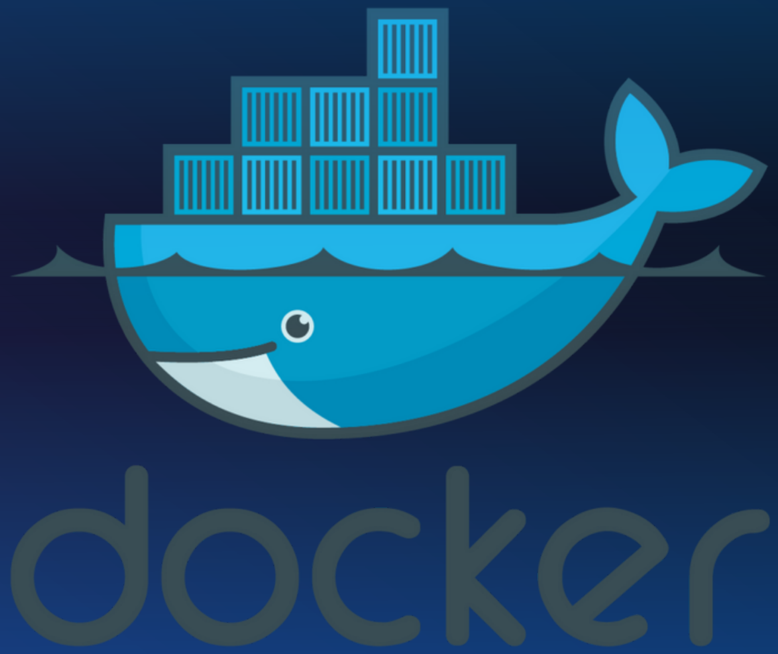




WHAT ARE CONTAINERS?

—And why you should be interested

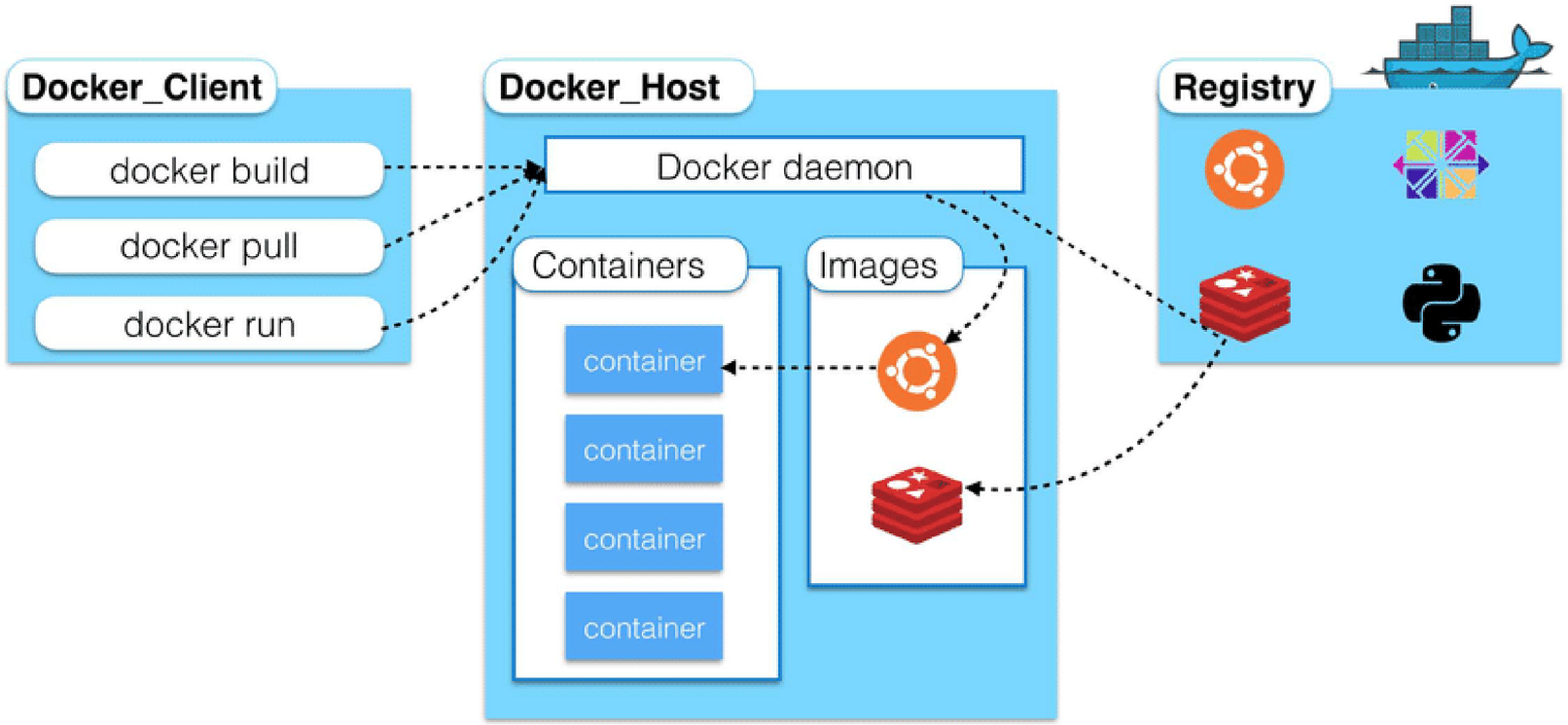
Containers isolate the execution environments of the applications from each other, but share the basic core of the operating system.

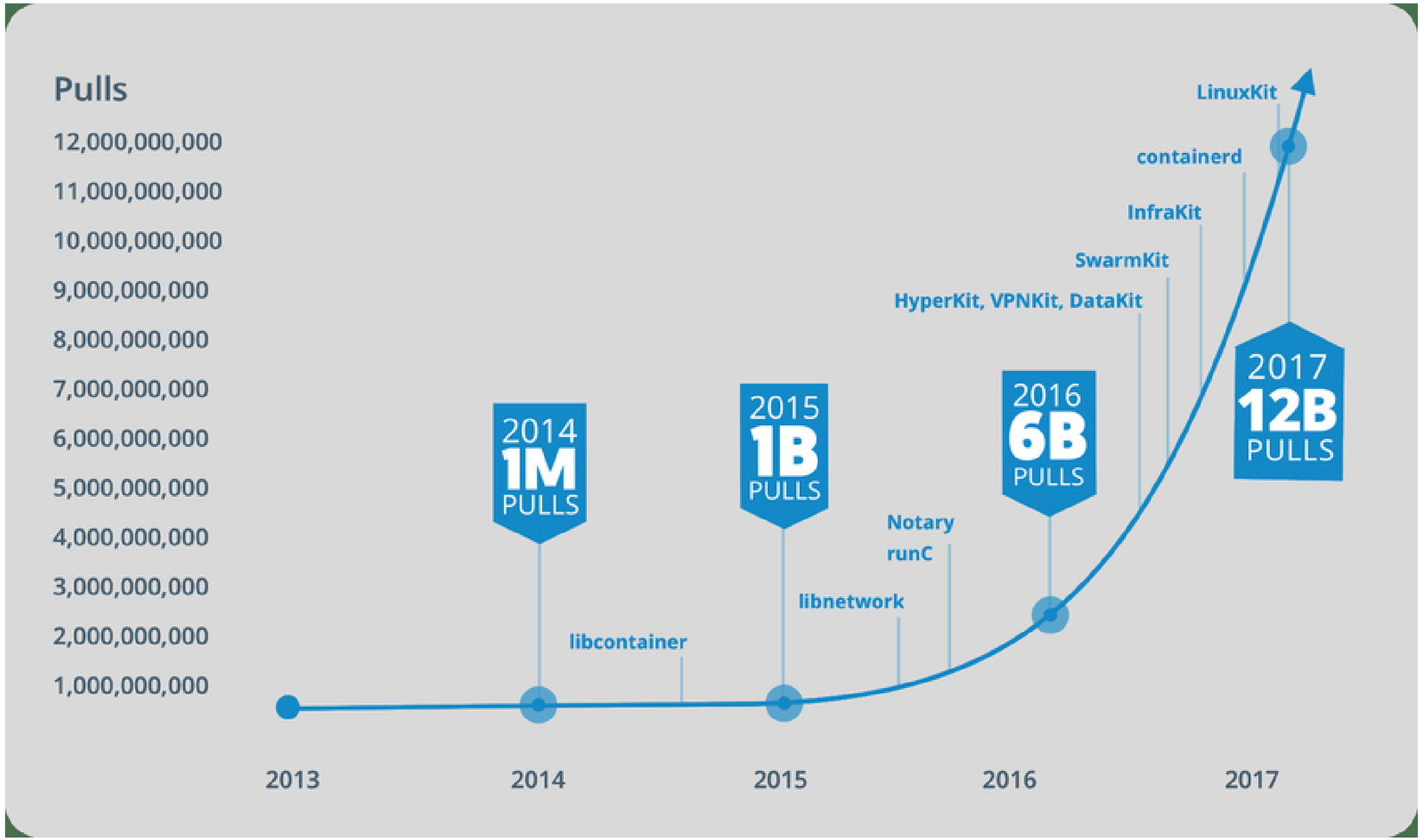


THE DOCKER QUOTE

—Develop, Ship and Run Any Application, Anywhere

Build, Ship, Run, Any App Anywhere


Docker_Client
docker build
docker pull
docker run
Docker_Host
Docker daemon
Containers
container
container
container
container
Images
Registry


Pulls
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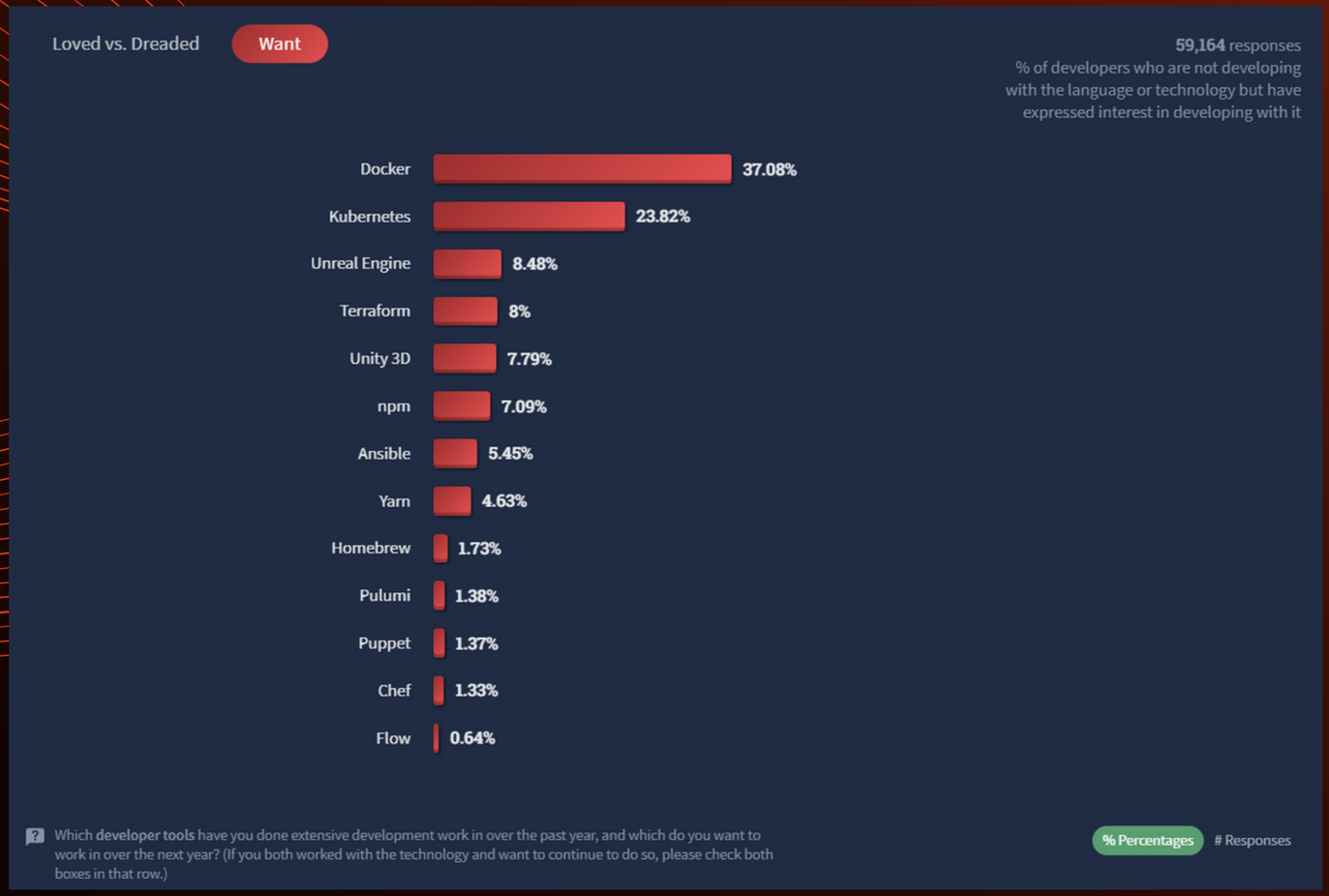
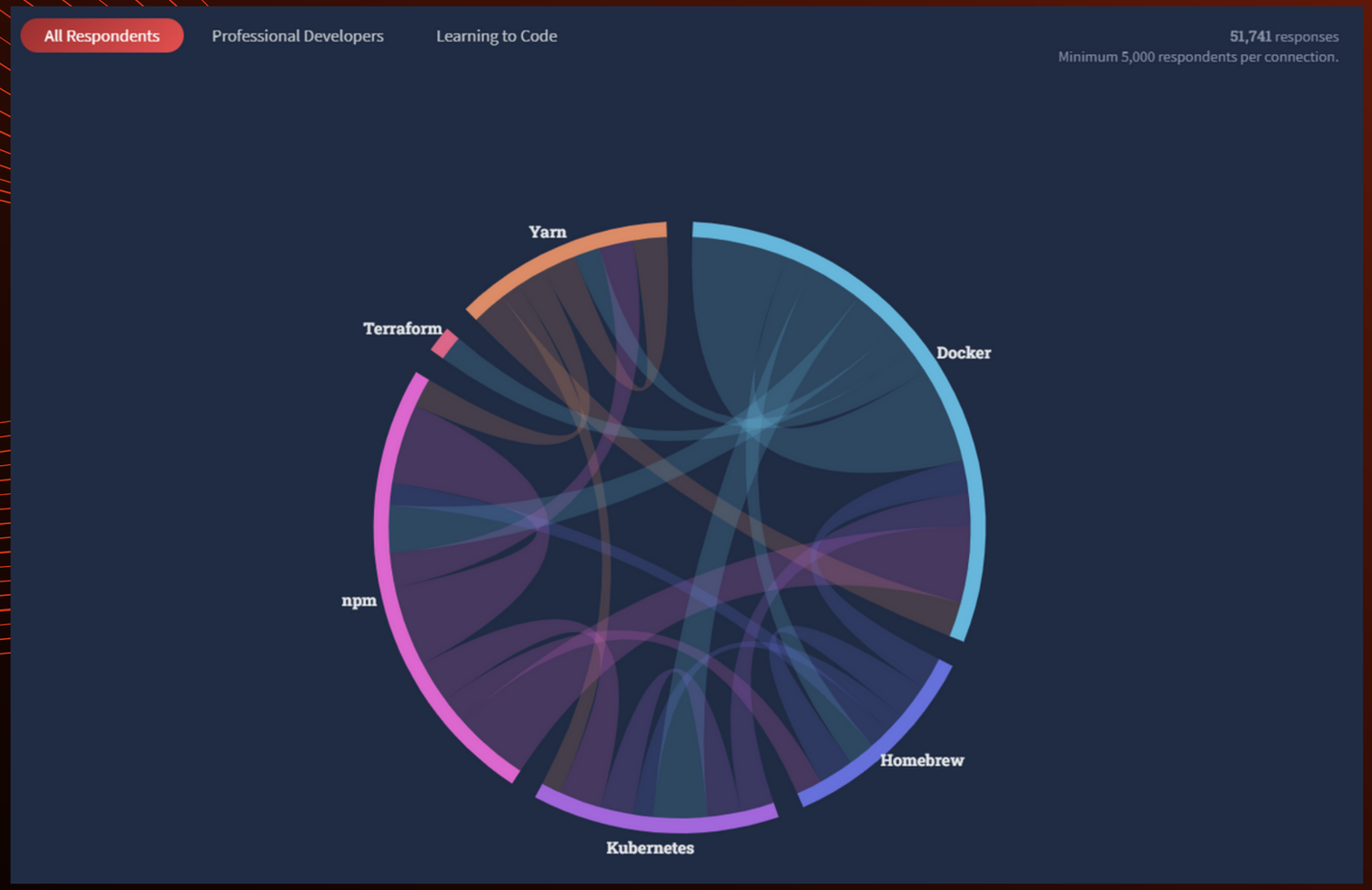
2013
2014
2015
2016
2017
2014 1M PULLS
2015 1B PULLS
2016 6B PULLS
2017 12B PULLS
libcontainer
libnetwork
Notary
runC
HyperKit, VPNKit, DataKit
SwarmKit
InfraKit
containerd
LinuxKit

% OF DEVELOPERS WHO ARE NOT DEVELOPING WITH THE LANGUAGE OR TECHNOLOGY BUT HAVE EXPRESSED INTEREST IN DEVELOPING WITH IT



WHICH DEVELOPER TOOLS HAVE YOU DONE EXTENSIVE DEVELOPMENT WORK IN OVER THE PAST YEAR, AND WHICH DO YOU WANT TO WORK IN OVER THE NEXT YEAR?



END

Bogdan Bujor
DevSchool