

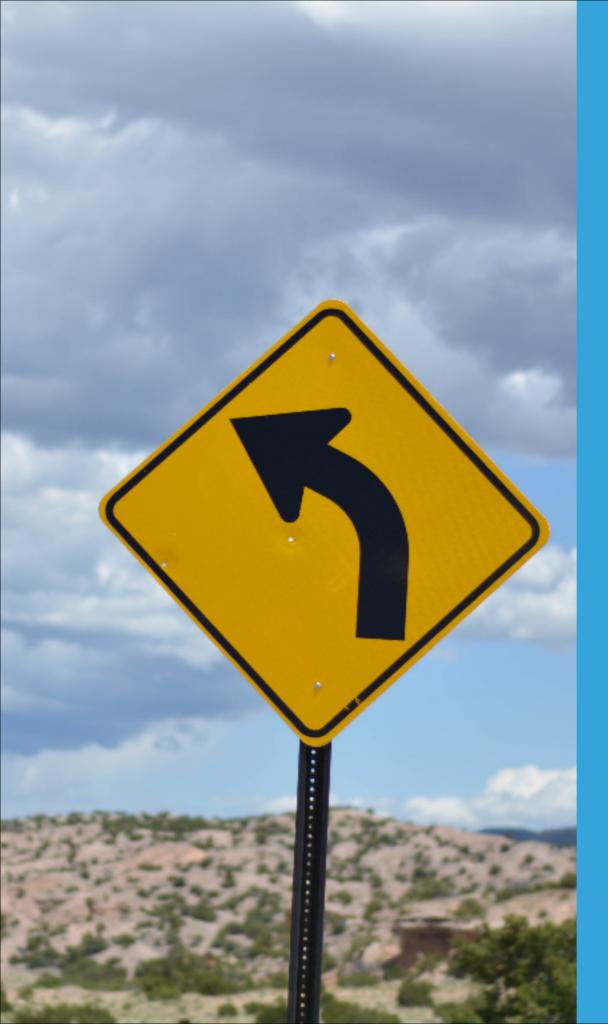
### PETR KOTAS

## CLOUD NATIVE



#### **MEETUP GOALS**

- Build a community around cloud
- Evangelize the cloud way
- Teach by example



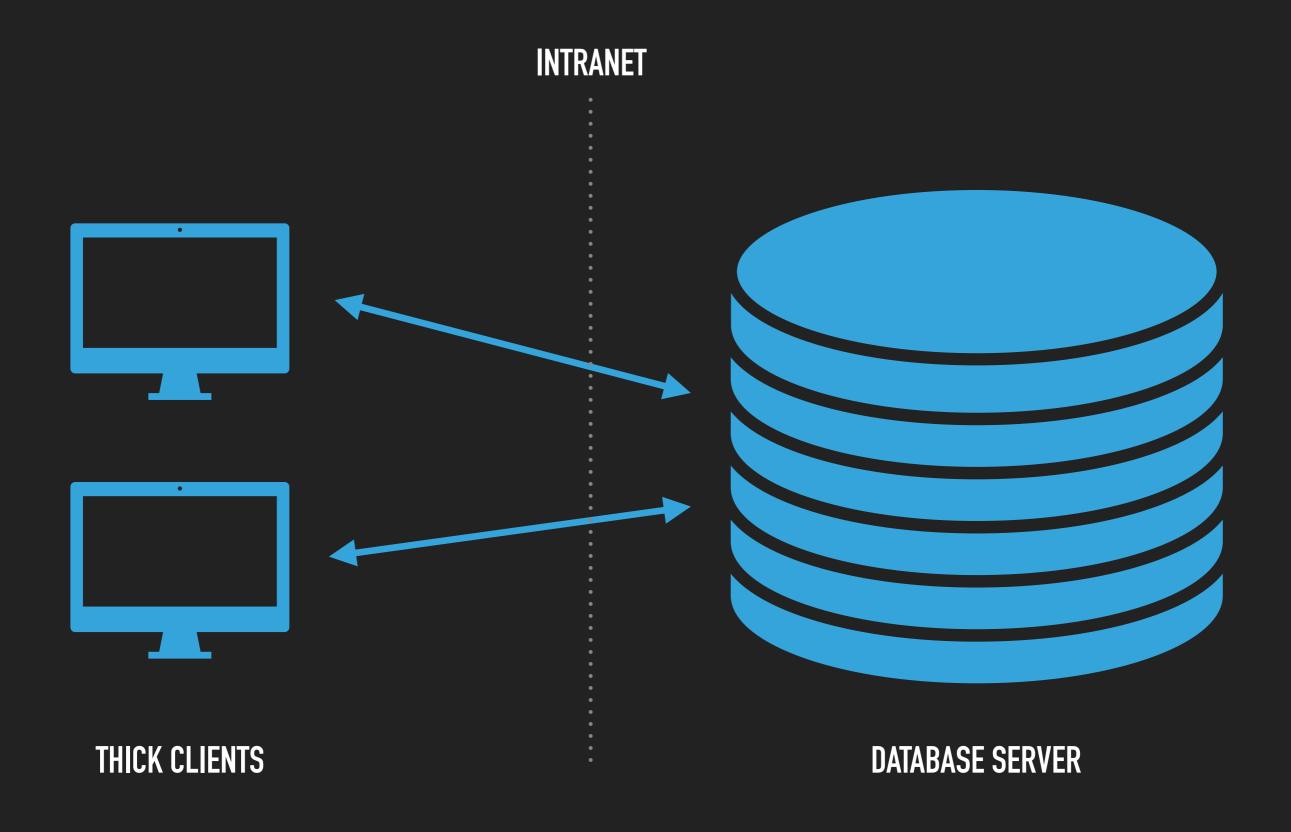
# ITIS ALREADY HERE



#### MY JOURNEY TO THE CLOUD

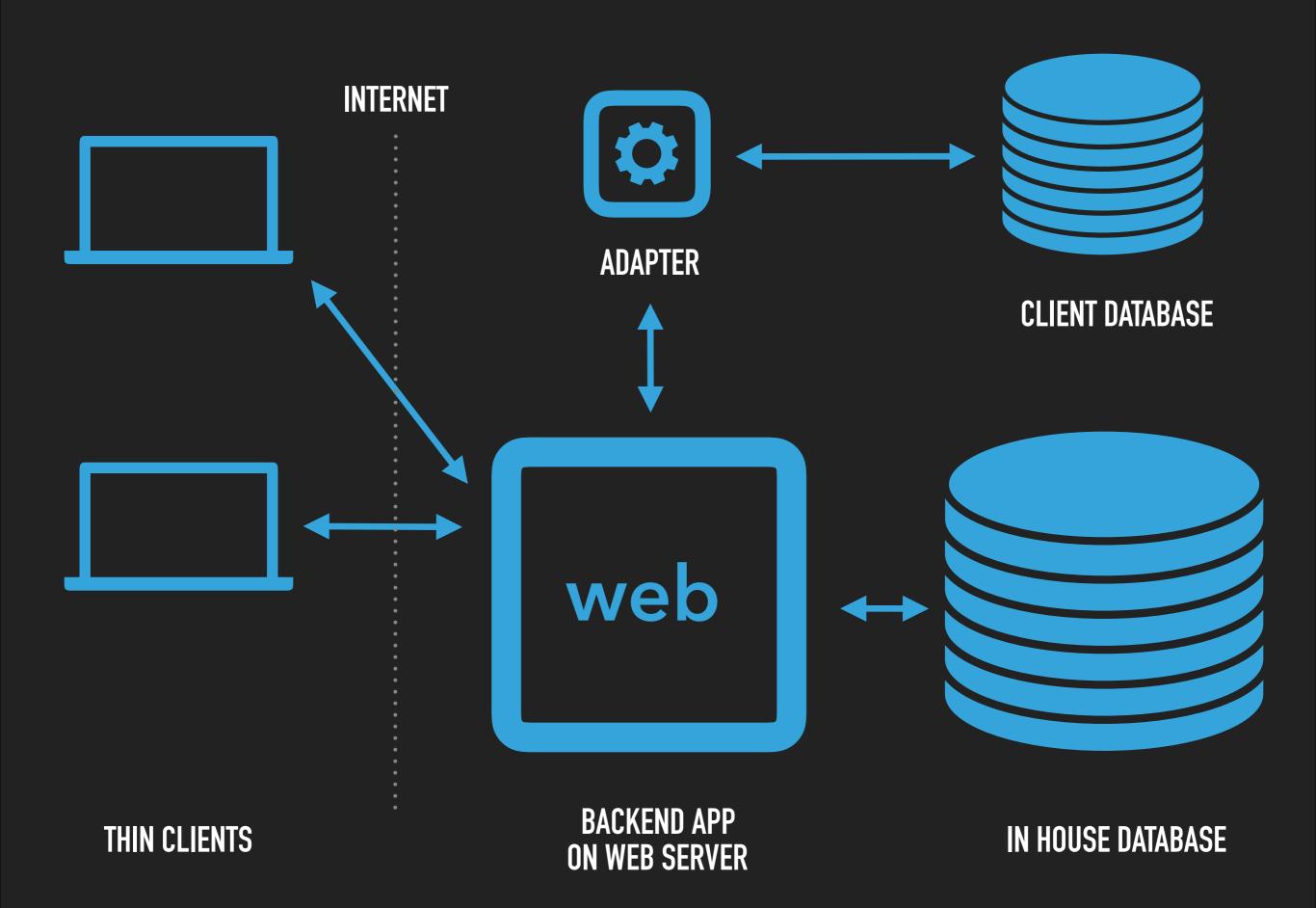
## ARCHITECTURE EVOLUTION

## 2005 - 15



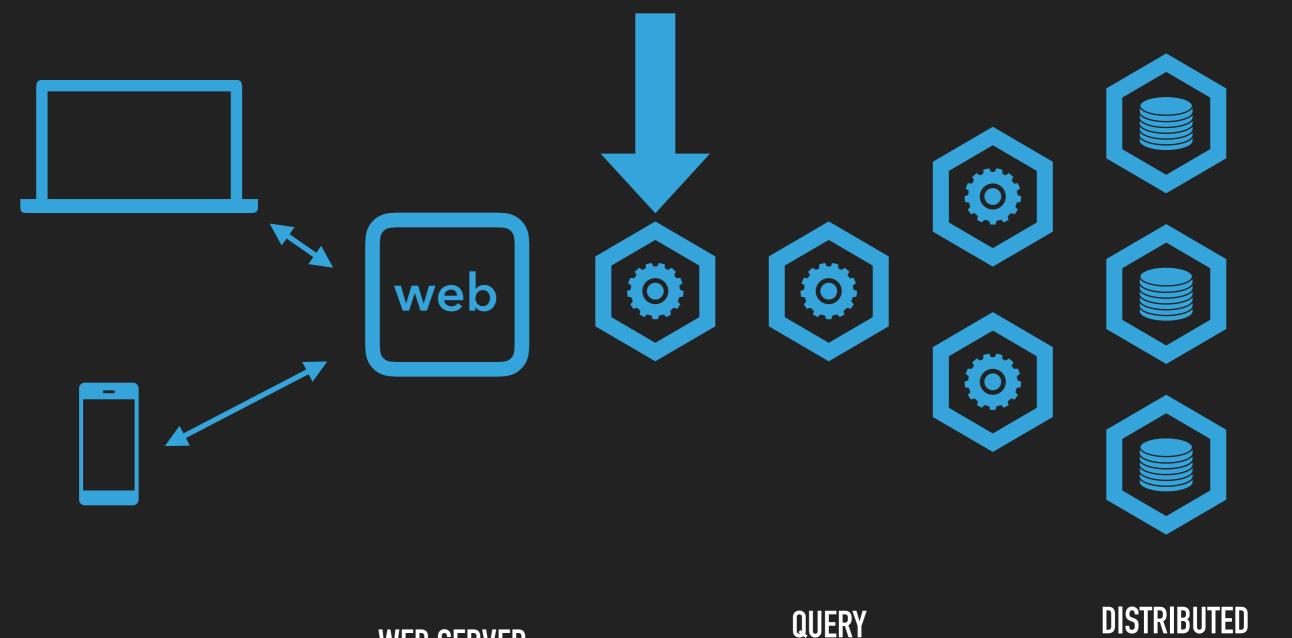
PROS	CONS
Great debugging	Complex updates
Battle tested dev tools	Scale by metal upgrade
	Usually locked on platform
	HW requirements on client

## 2007 - ADAPTER



PROS	CONS
Thin client	Scale with backend
Client updates	Portability
	Backend updates

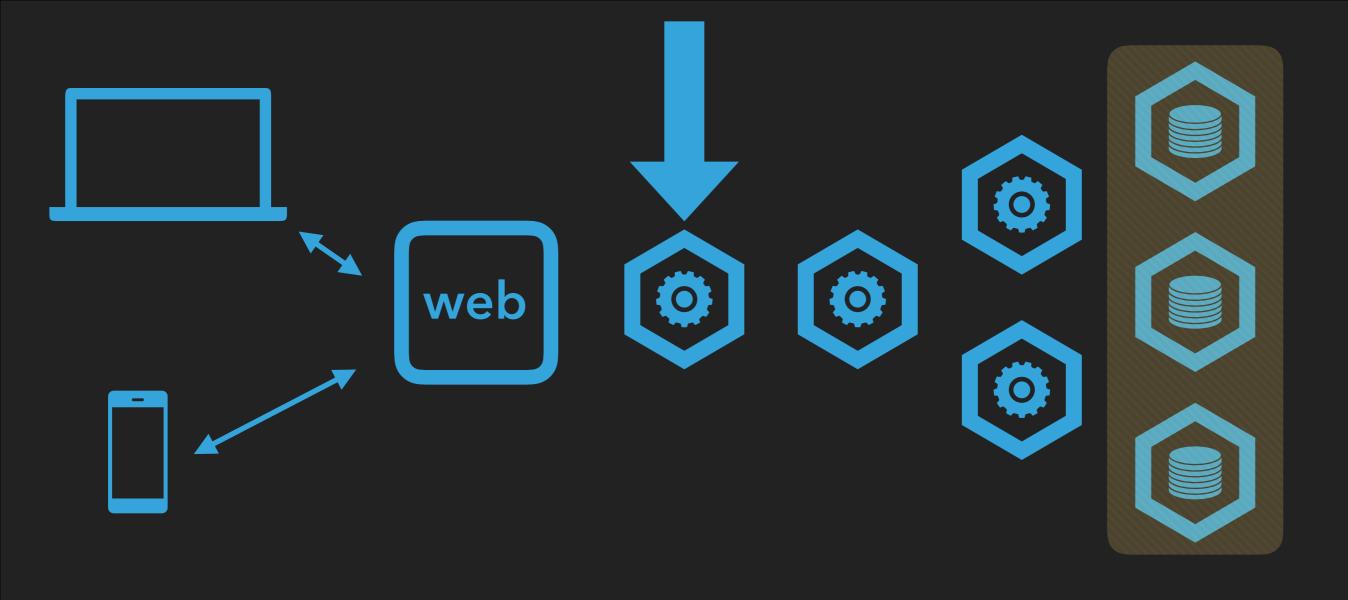
## 2014 - FULLTEXT



QUERY PROCESSOR

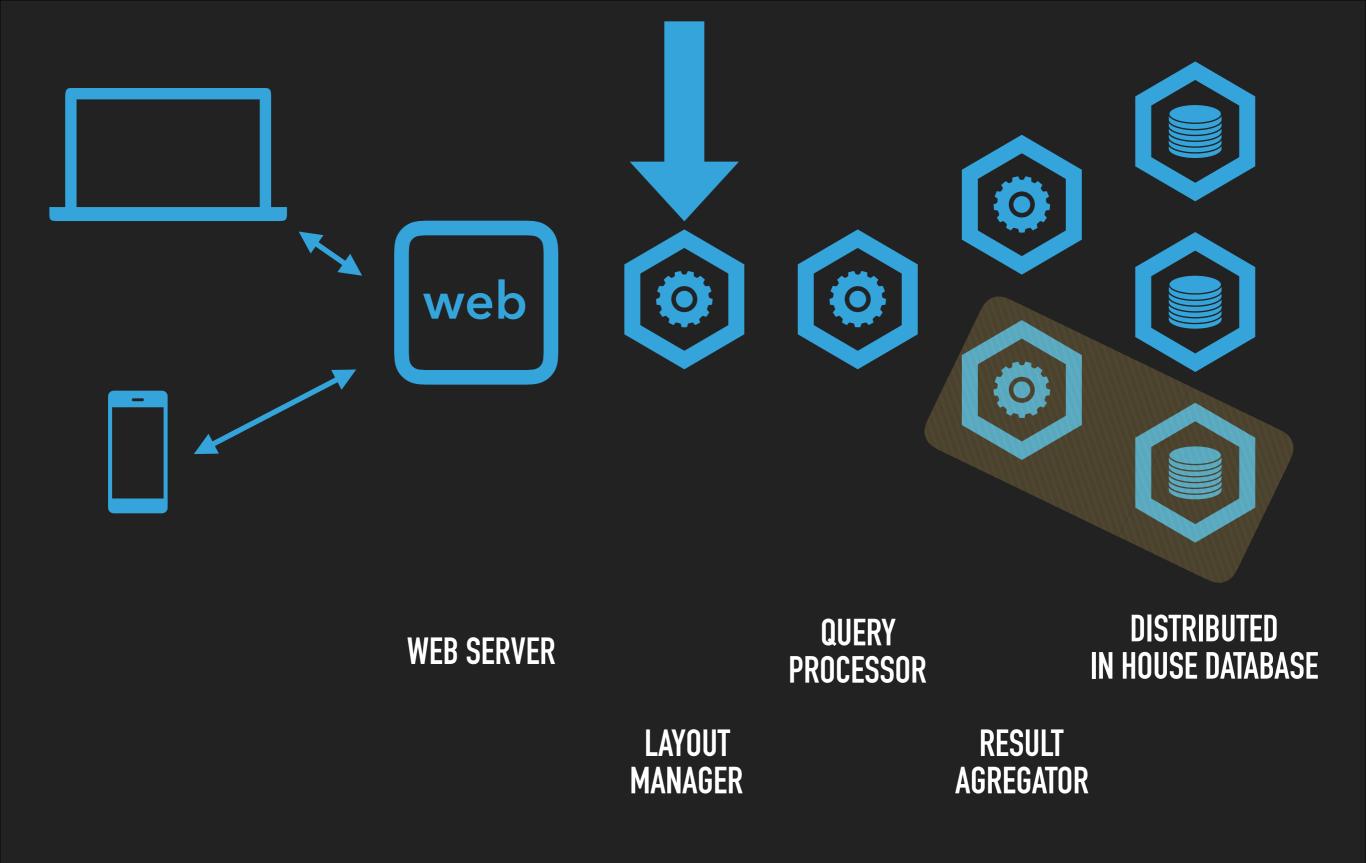
DISTRIBUTED IN HOUSE DATABASE

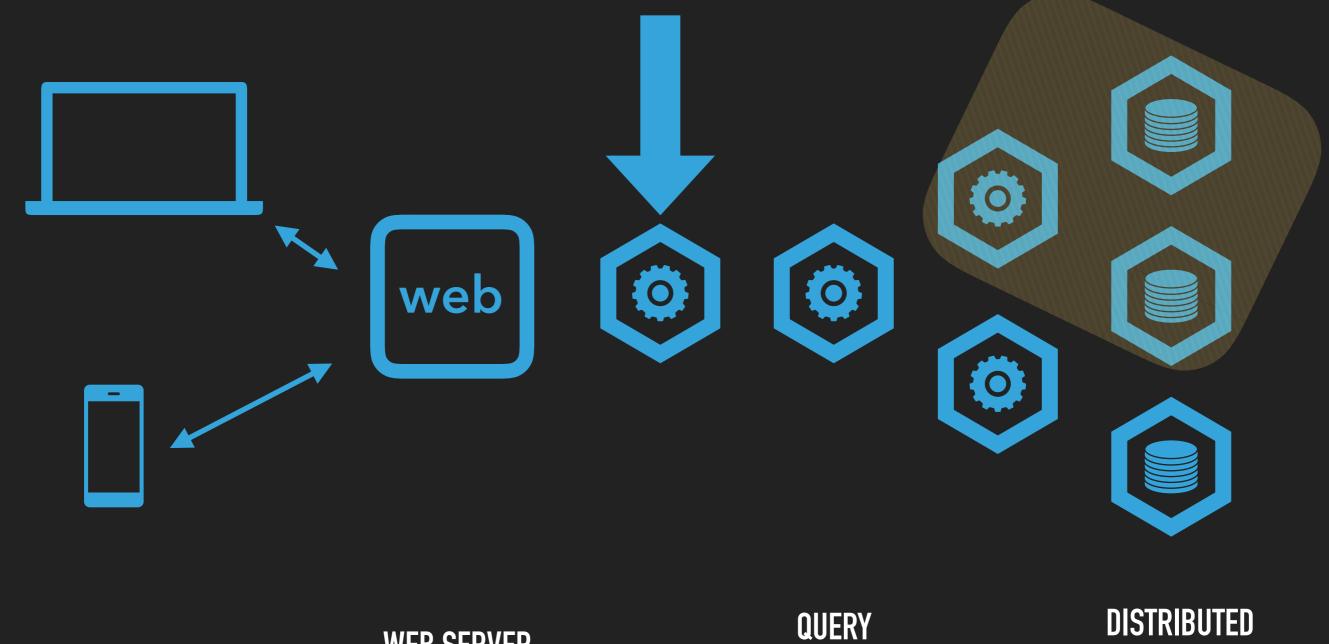
LAYOUT MANAGER



QUERY PROCESSOR DISTRIBUTED IN HOUSE DATABASE

LAYOUT MANAGER

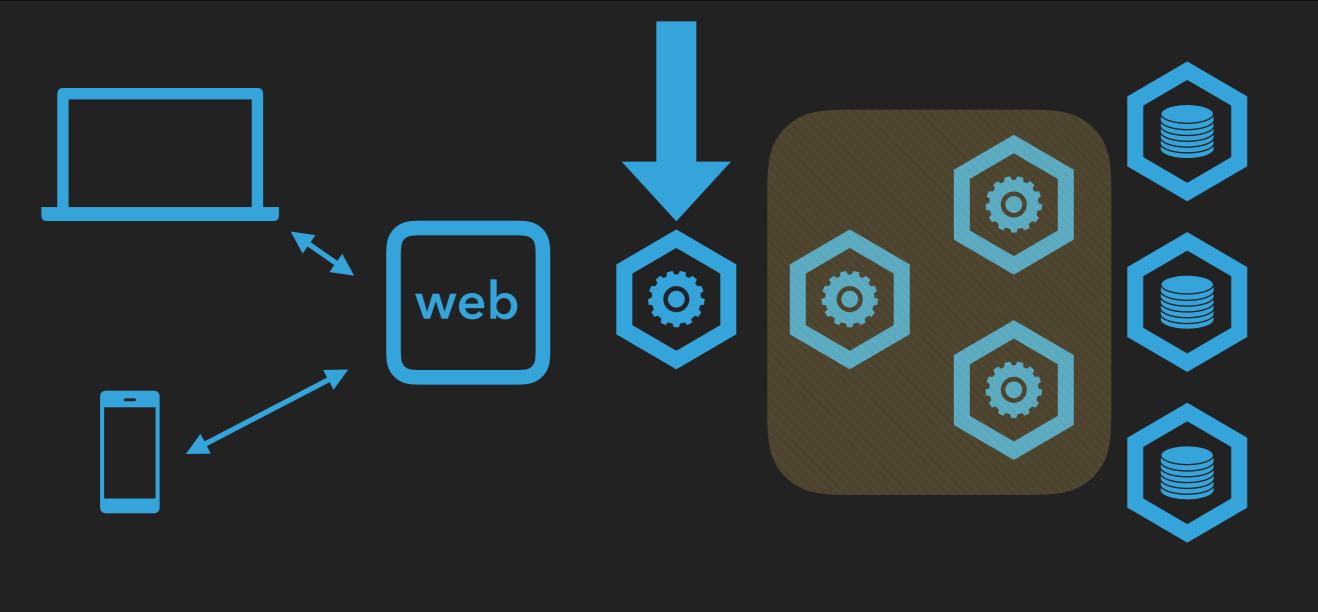




**PROCESSOR** 

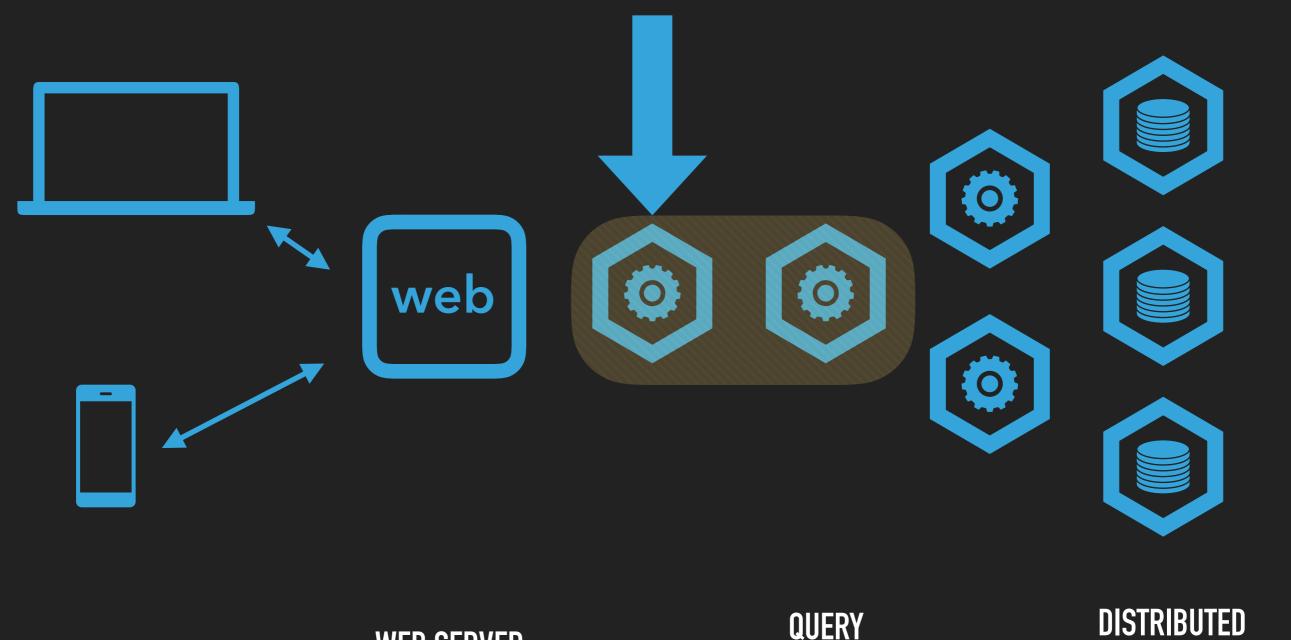
**IN HOUSE DATABASE** 

**LAYOUT MANAGER** 



QUERY PROCESSOR DISTRIBUTED IN HOUSE DATABASE

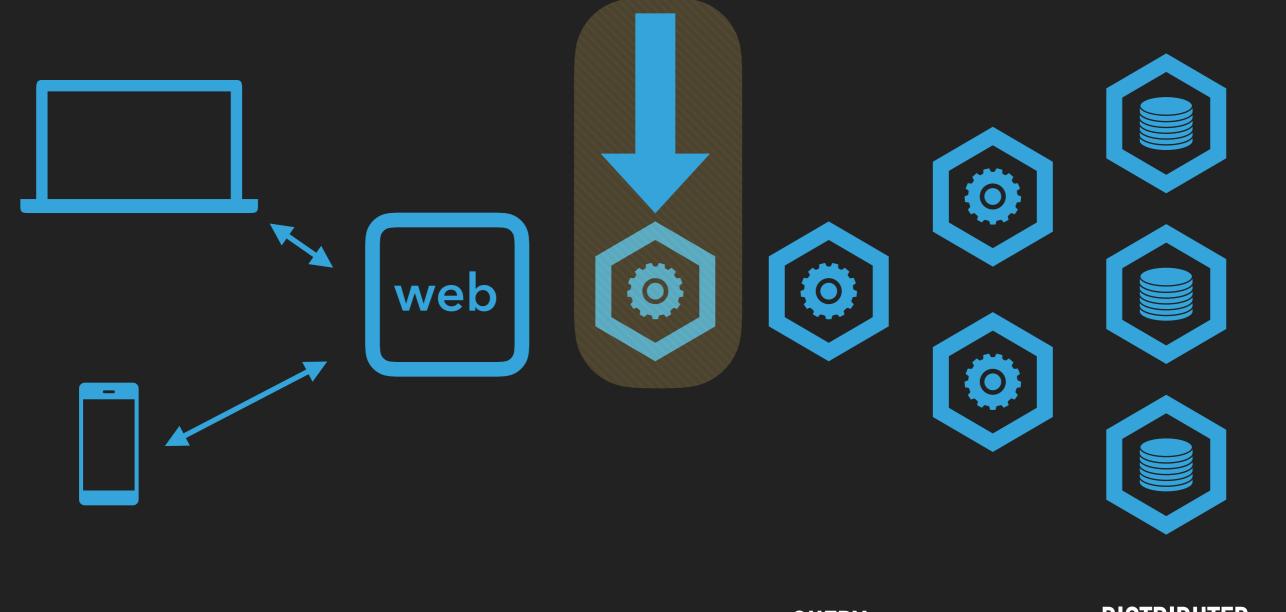
LAYOUT MANAGER



QUERY PROCESSOR

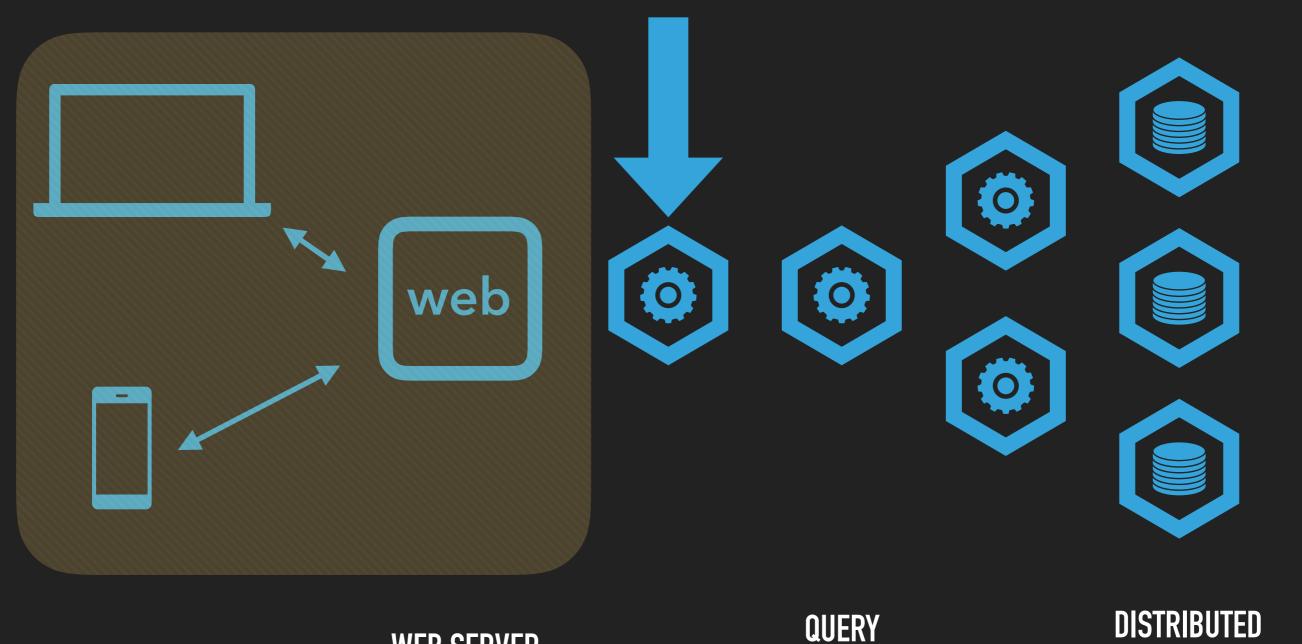
DISTRIBUTED IN HOUSE DATABASE

LAYOUT MANAGER



QUERY PROCESSOR DISTRIBUTED IN HOUSE DATABASE

LAYOUT MANAGER



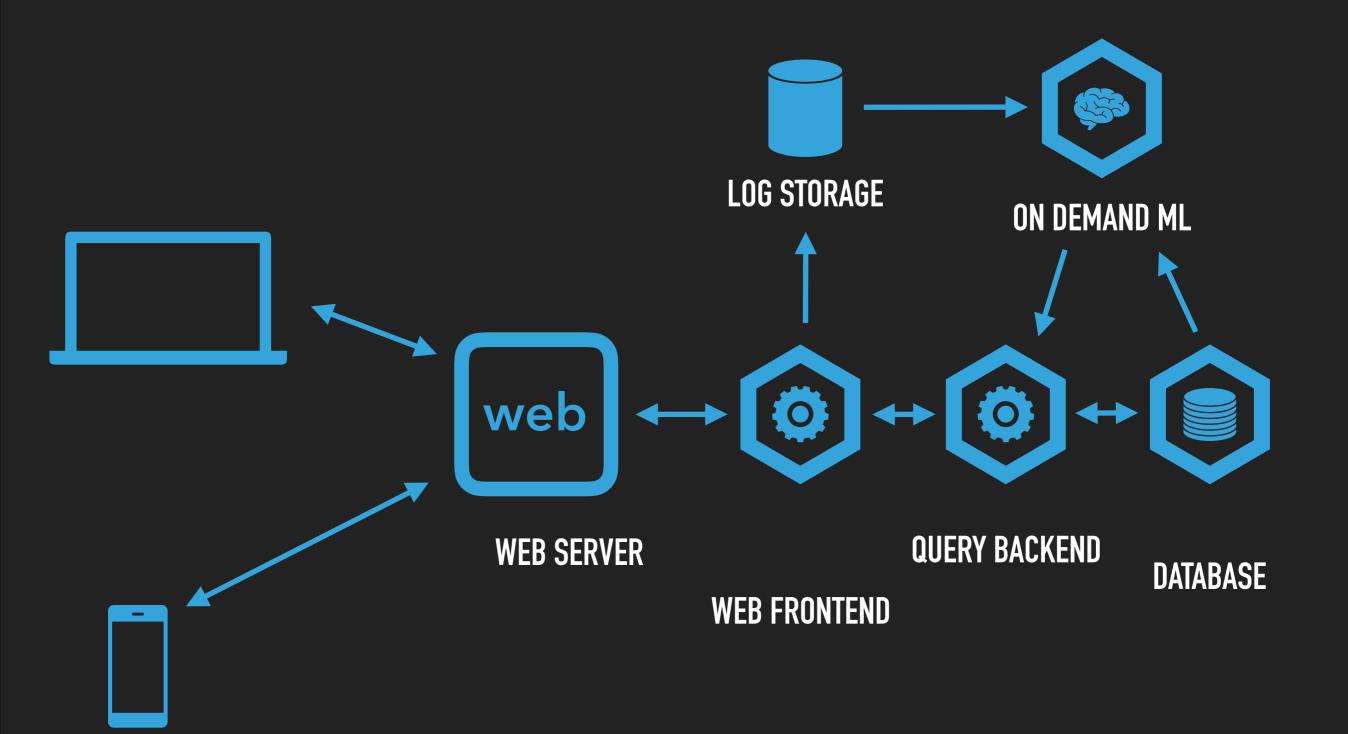
QUERY PROCESSOR

DISTRIBUTED IN HOUSE DATABASE

LAYOUT MANAGER

PROS	CONS
Handle high load	Backend HW upgrades
Thin client	Error prone

## 2017 -RECOMMENDER



PROS	CONS
Scale by need	Complex setup
Simpler deployment	Devel is hell
Pay for what you use	
More fault tolerant	

#### WHAT IS CLOUD?

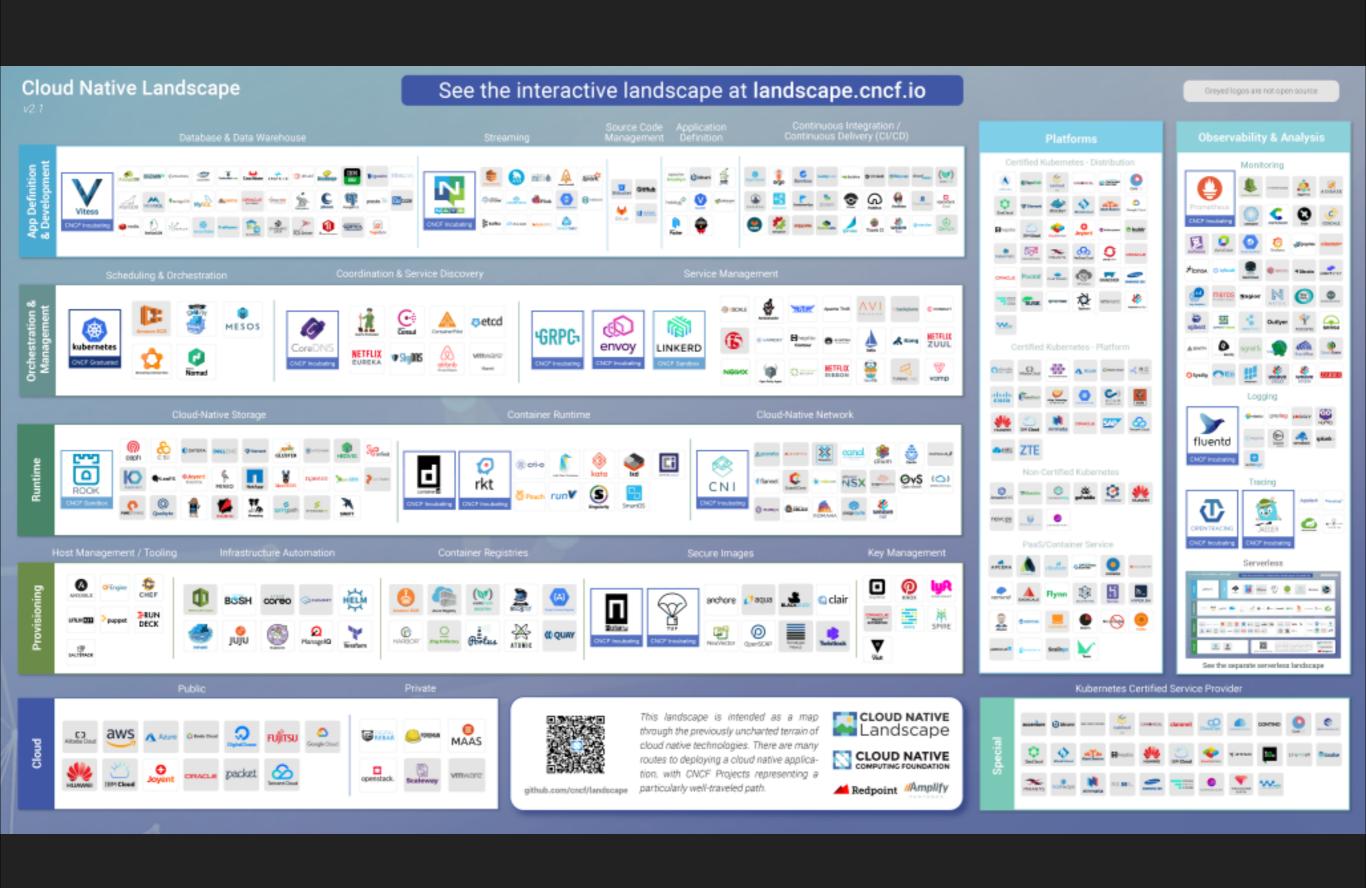
# DELIVERY OF ON-DEMAND COMPUTING RESOURCES

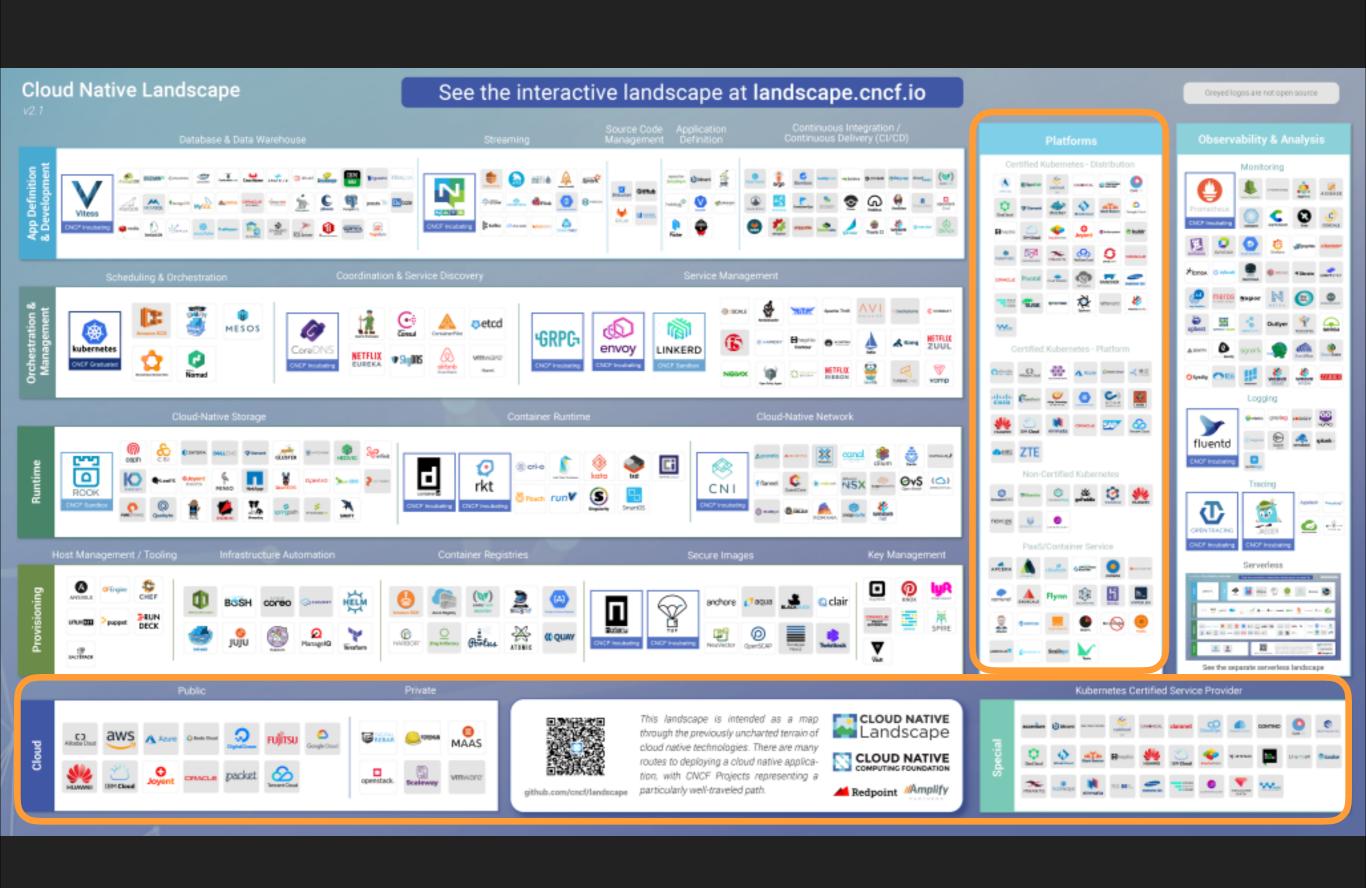
## WHAT IS CLOUD NATIVE?

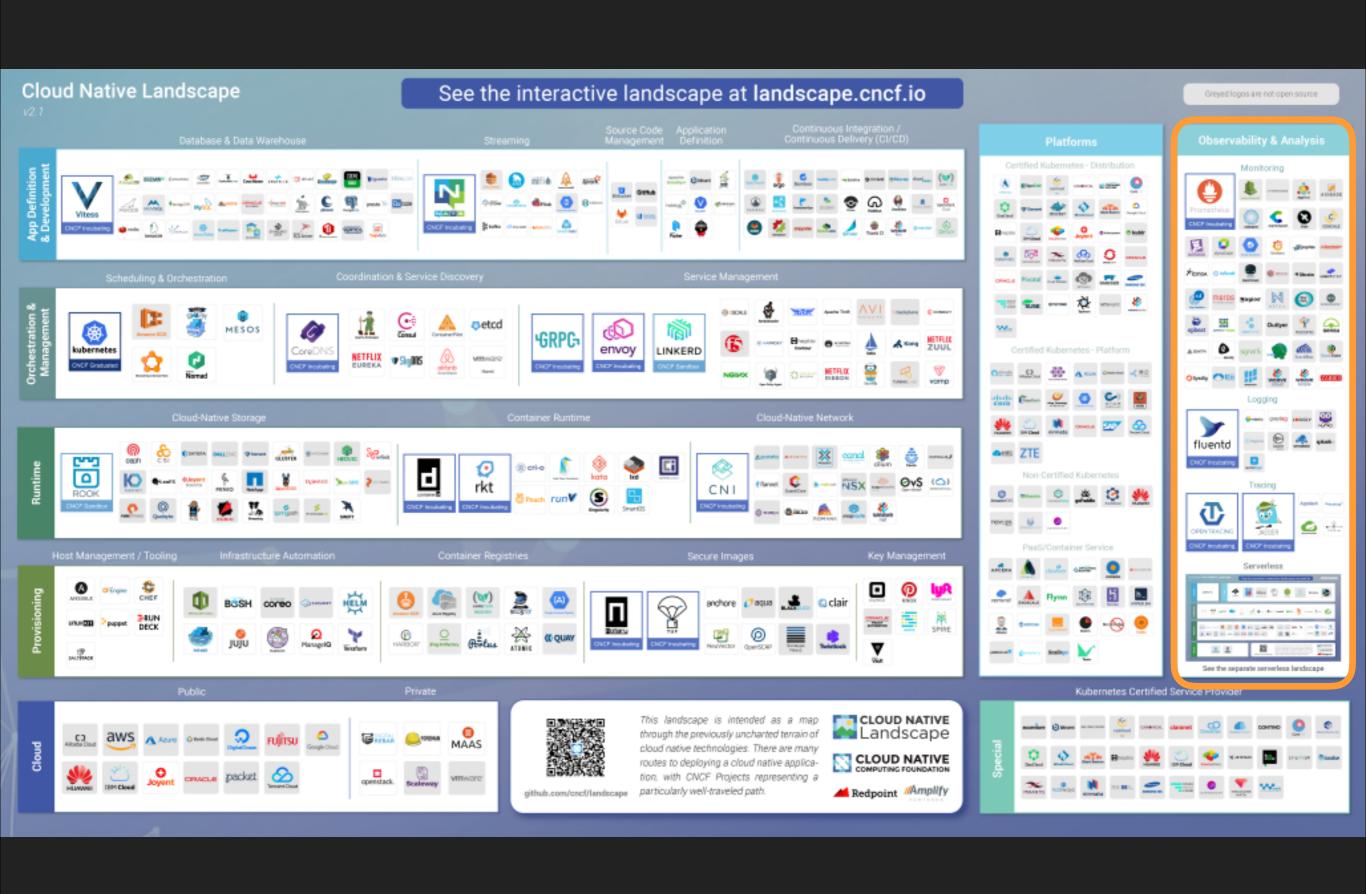
# CLOUD-NATIVE IS AN ARCHITECTURE OR A SYSTEM THAT HAS BEEN BUILT SPECIFICALLY TO RUN IN THE CLOUD

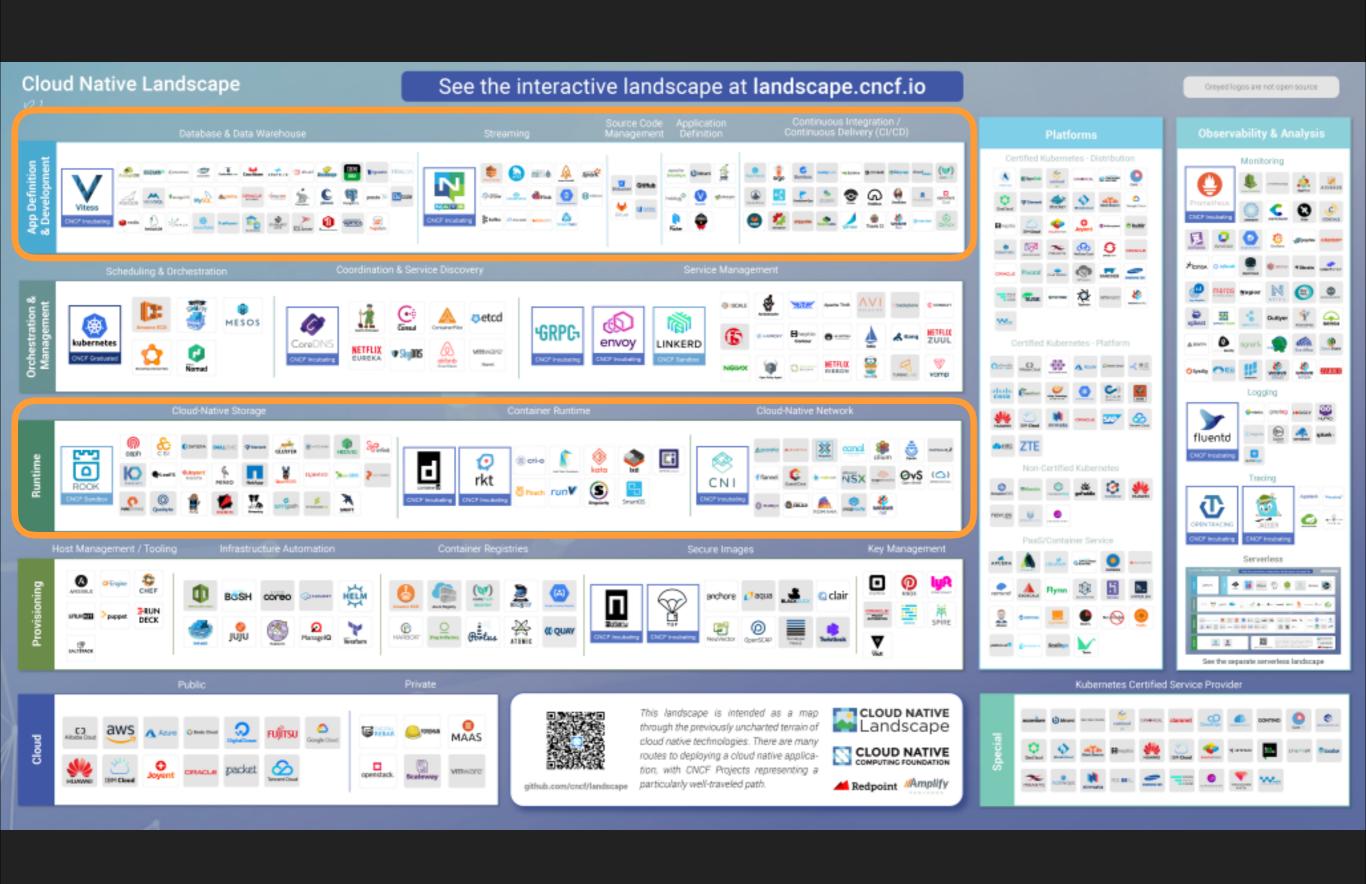
### WELCOME

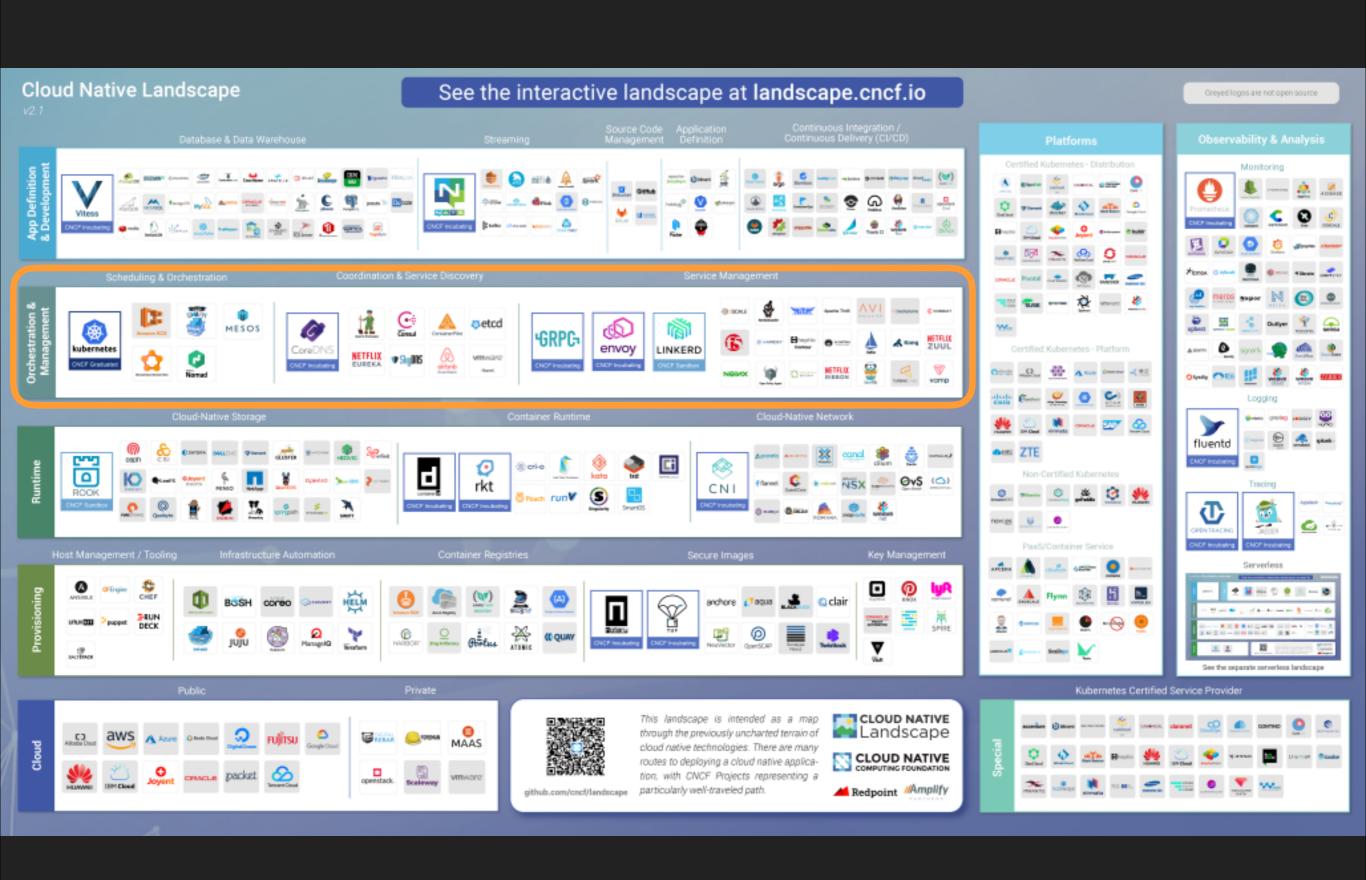
# CLOUD NATIVE COMPUTING FOUNDATION

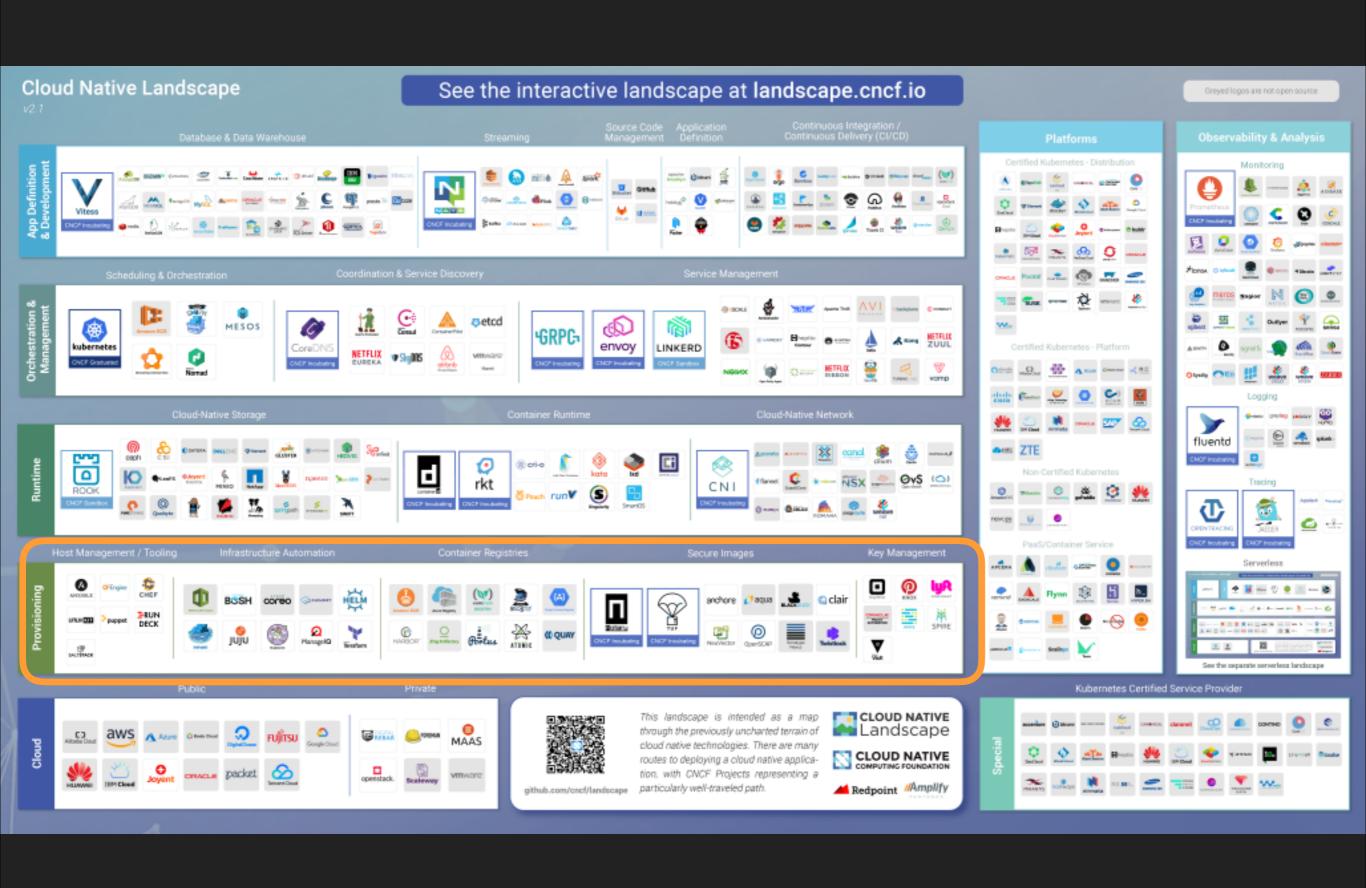












#### **FUTURE PLAN**

- Building blocks of the cloud and cloud applications
- Cover case studies and fuckups
- Build a understanding how it applies to industries
- Help us.

## **CLOUDNATIVE.CZ**

