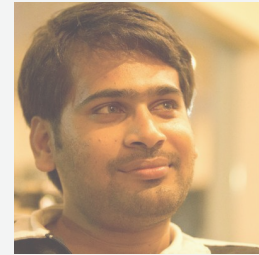# DOCKER
KUBERNETES
OPENSHIFT

For MEAN stack developers

Chakradhar Rao Jonagam

@debianmaster

AGENDA

Intro to containers

Why containers

Deploy nodejs application & Mongodb

Q & A

"But it works on my machine???"

A Bunch of What if's!!

What if i can package Operating System, middleware and application together as a immutable image?

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Centos

Nodejs

Application

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No more   "But it works on my machine"

What if i can treat each process on a OS as a separate ~ vm with own ip address / network / file system?

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Greater Application Density

Faster provisioning

What if i can treat a whole datacenter as one single operating system?

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Greater Flexibility

Scale application

What if i can deploy applications in minutes to seconds instead of days or hours?

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Faster time to market

Fail Fast and Fail Small

What if my application self heals?

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Less stress