

ANSIBLE

# Containers: The Good, the Bad, and the Ansible

**Joshua “jag” Ginsberg**

Chief Architect, Ansible Engineering

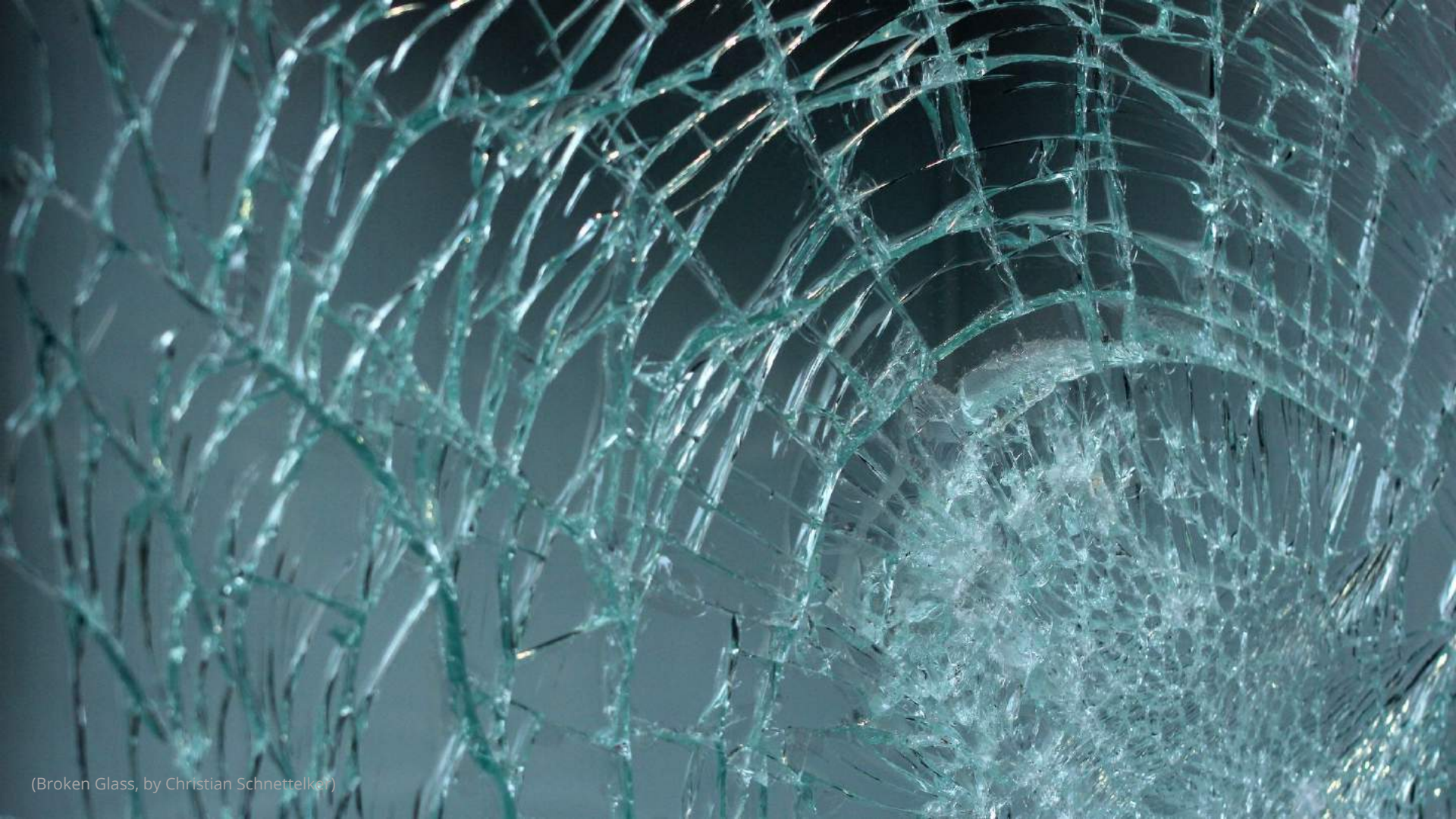
@j00bar - jag@redhat.com



(those are zeroes)



(Container Ship MSC Texas, by Daniel Ramirez)



(Broken Glass, by Christian Schnettelke)

A black tiger sculpture with its mouth open, perched on a ledge above a sign that reads "DON'T TOUCH ME" in red letters. The sign is mounted on a light-colored wall with some peeling paint. The tiger is looking to the right.

**DON'T TOUCH ME**

# ANSIBLE

*L'ENFER C'EST LES AUTRES*





(Untitled, by Peter Gordon)



## Windows

A fatal exception 0E has occurred at 0028:C001100010E36. The current application will be terminated.

- \* Press any key to terminate the current application.
- \* Press CTRL+ALT+DEL again to restart your computer. You may lose any unsaved information in all your applications.

Press any key to continue



176

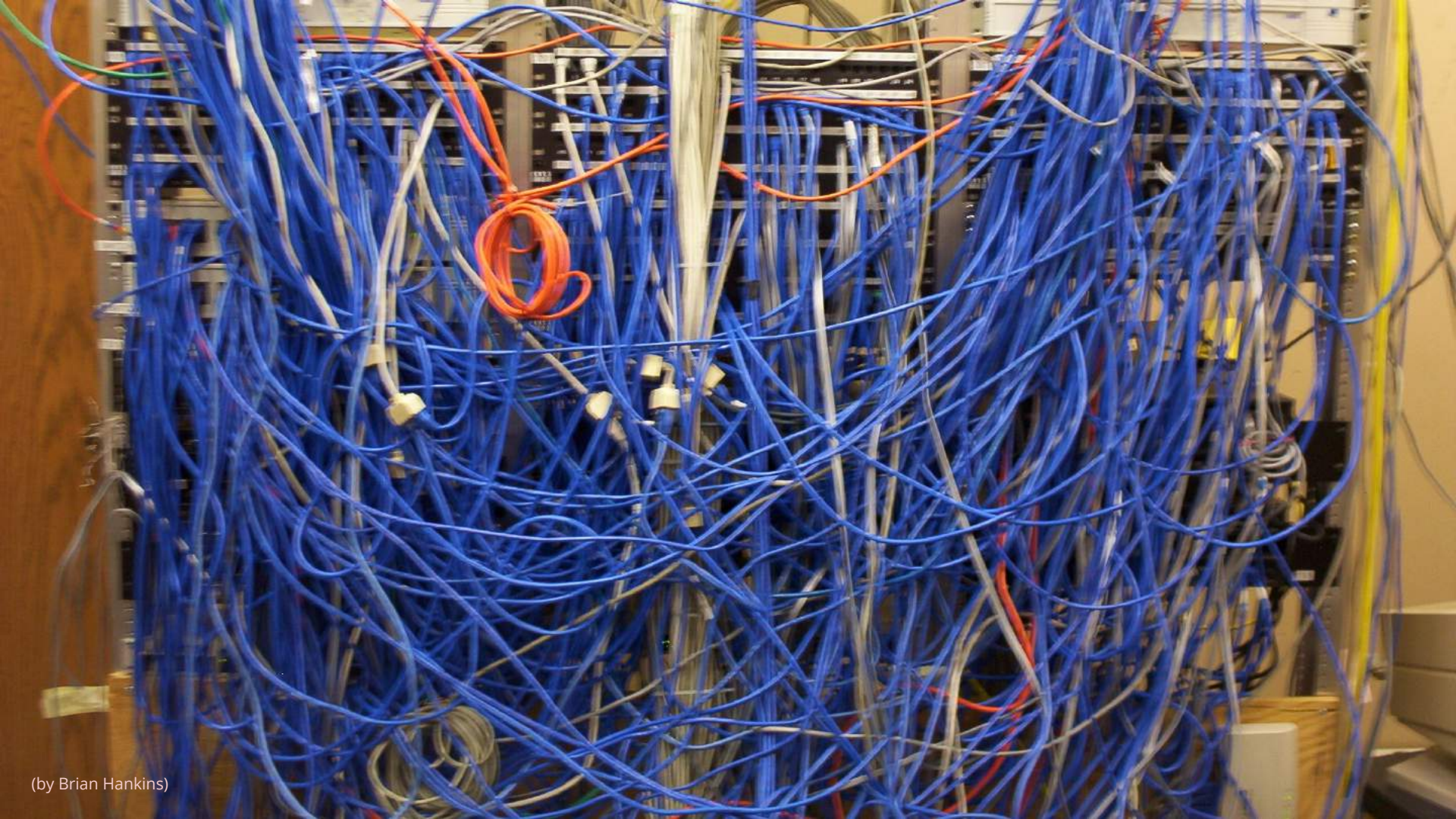
177



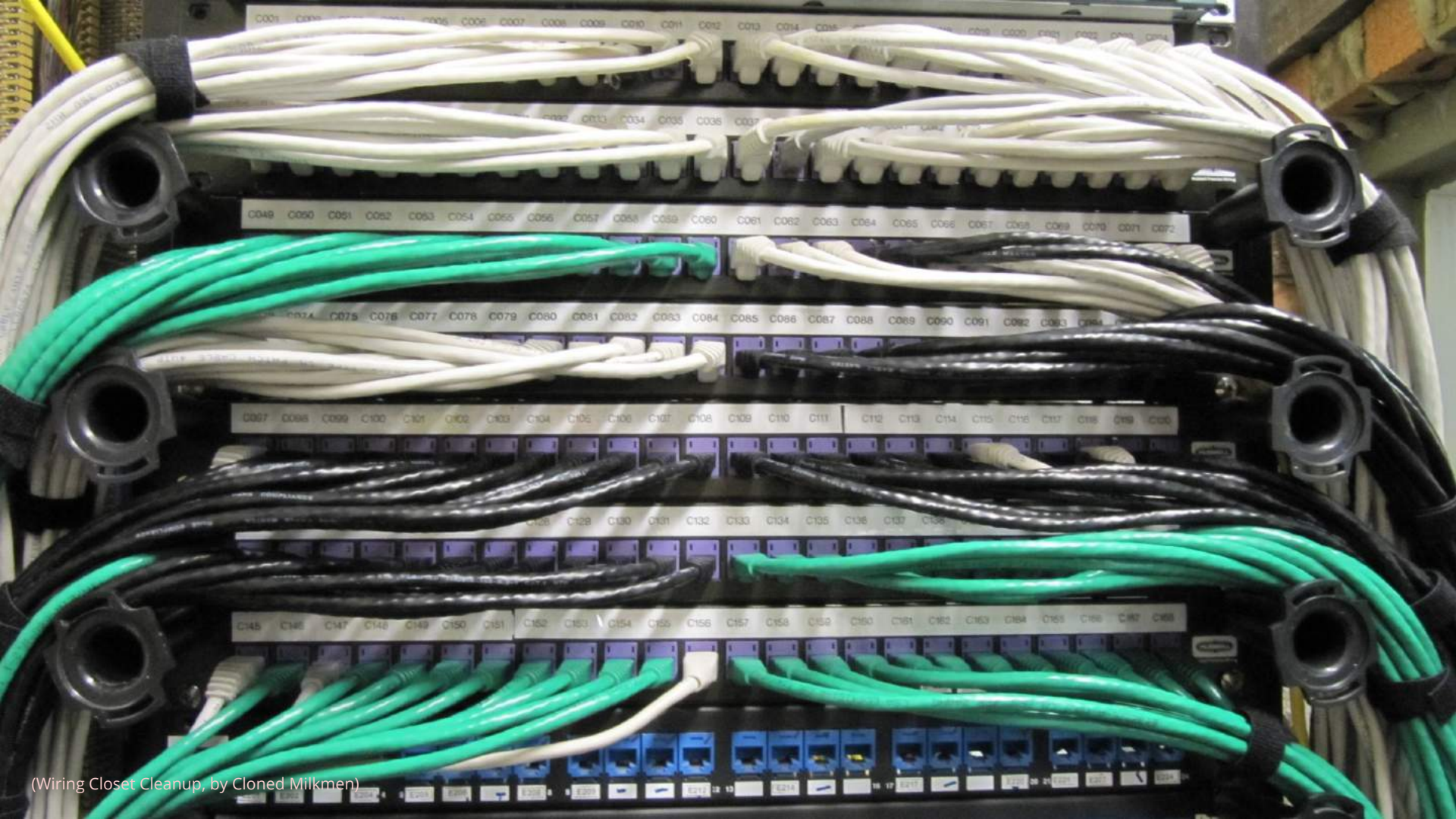
190

191

(PO Box 190, by Rodget Evans)



(by Brian Hankins)



(Wiring Closet Cleanup, by Cloned Milkmen)



(Crash, by Jessica S.)



(Parking Lot, by Dean Hochman)



(People. Lots of Them. by Diego Torres Silvestre)



HTC  
171

MILRA  
181

cervelo  
175

177  
ACER LA MONDIALE

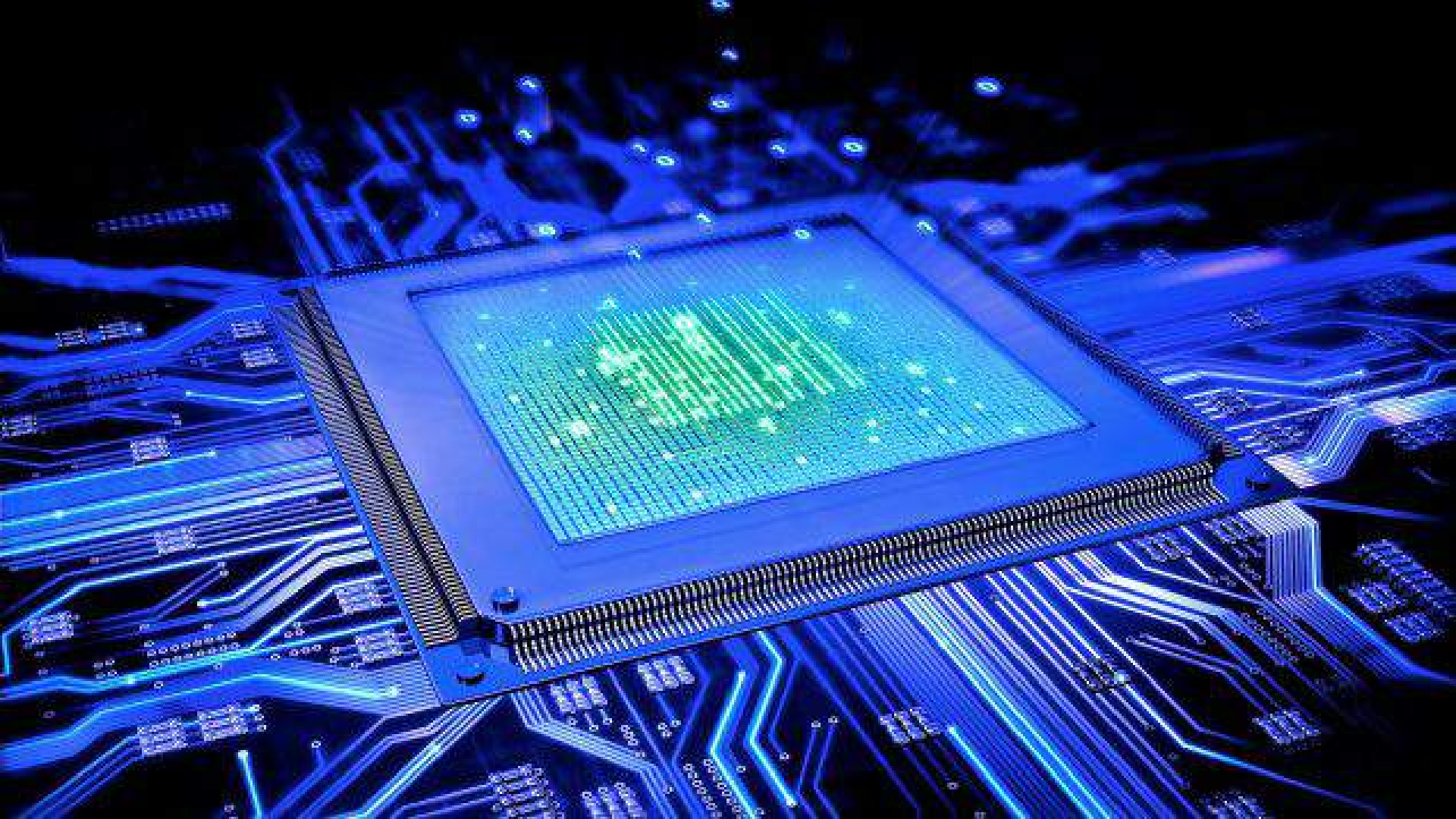




(Reese, Hacker by Donnie Ray Jones)



(Hogs, by the United States Department of Agriculture)



## Non-Deterministic Code is Hard

This code could return 3 different values (in other languages, 4 different values!)

```
1 class JeanPaulSartre(object):
2     x = 0
3     y = 0
4
5     def set(self):
6         self.x = 1
7         self.y = 2
8
9     def add(self):
10        return self.x + self.y
```



飾界

烟花爆竹

Ray Douffours

天利行





(Digger, by Isaac and Aaron Goldberg)



(UF Computers Monitors Keyboards Trash, by Christopher Sessums)





**ohai can u plz halp?  
hao do yoo  
serverless? kthxbai**



**ohai can u plz halp?  
hao do yoo  
serverless? kthxbai**

**It's easy!**

A close-up photograph of a lorikeet, a small colorful bird with a blue head, orange beak, and red and green body. It is perched on a dark branch and looking towards the camera. The background is a soft-focus green and blue.

**ohai can u plz halp?  
hao do yoo  
serverless? kthxbai**

**It's easy!  
Go buy a server.**



## SIXFORTY

The open 17.5

10 ROUNDS OF:

9 Thrusters

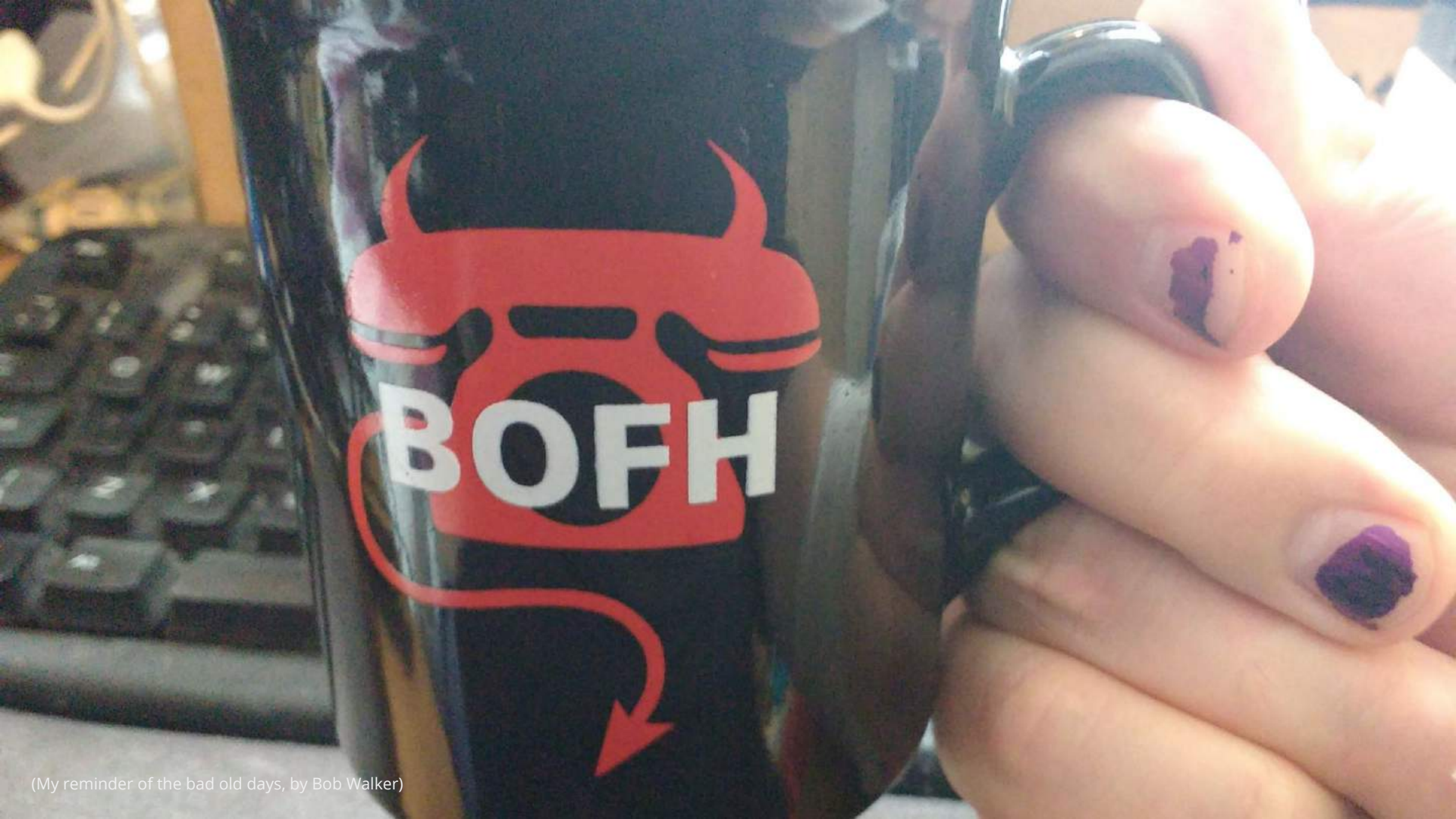
35 Double Unders

Scores

Score	Rx
9:20:00	9:29:00
9:28:00	9:43:00

Back to top

(The Crossfit Games 2017, by Erwin van Leeuwen)



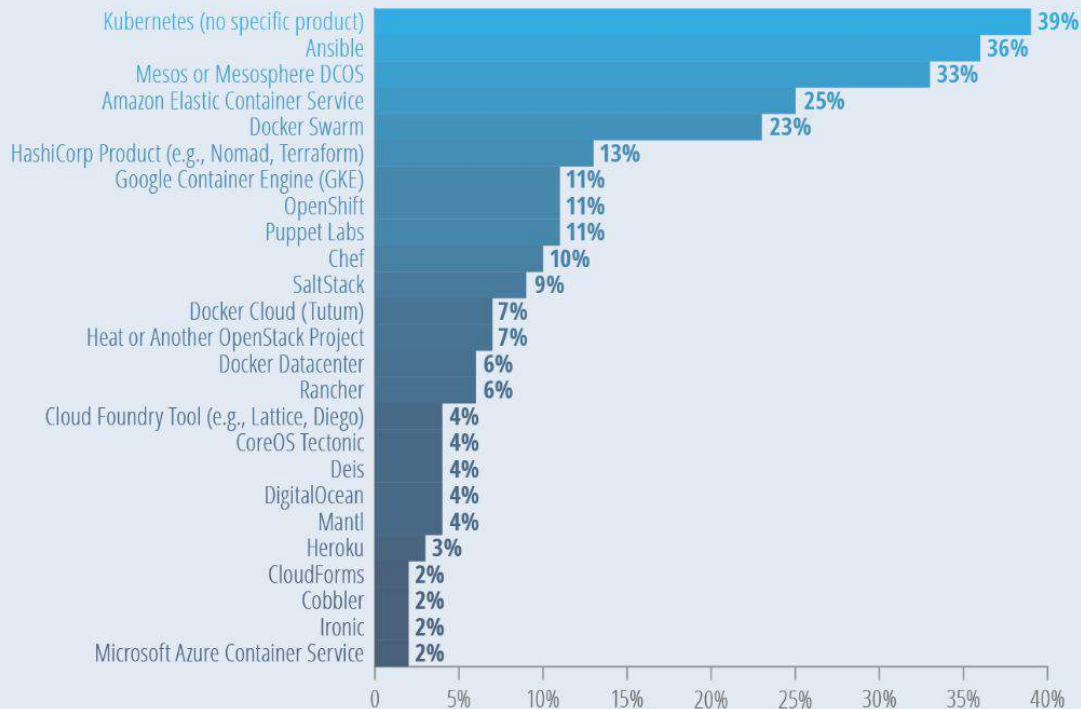
(My reminder of the bad old days, by Bob Walker)



(Untitled, by e. belknap)

27.0MT

## Top Orchestration Products Based on Expected Usage Within Next Year



Source: The New Stack Survey, March 2016. Within the next year, what are the top three products or services you expect to utilize to manage or orchestrate containers? n=114.

THE NEW STACK

*Figure 11: Kubernetes, Ansible, Mesos/Mesosphere, Amazon ECS and Docker Swarm top users' plans for container orchestration.*



RENA  
MONROVIA





(Downtown Austin from Loop 1 (MoPac), by Lars Plougmann)

LAST EXIT BEFORE  
ADDITIONAL TOLL

EXIT 69  
Samoa Rd #2

EXIT 69  
TOLL  
Station

CALL  
BOX  
MILE  
68.6

CELL PHONE  
\*FHP

(Last Exit at Exit 69, by Raymond Yu)

Back in 5.

— Godot



(Frustration, by Avenue G)



(Current, by Tom Mrazek)



RECYCLE. REDUCE REUSE

# Ansible Container

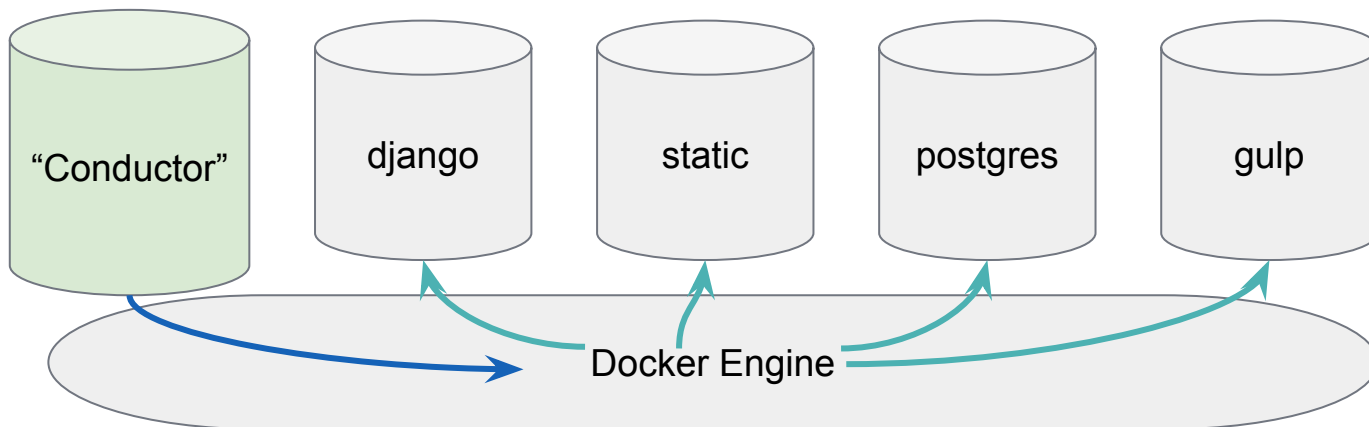
<https://github.com/ansible/ansible-container>



(Yin Yang Grunge Symbol, by Nicolas Raymond)



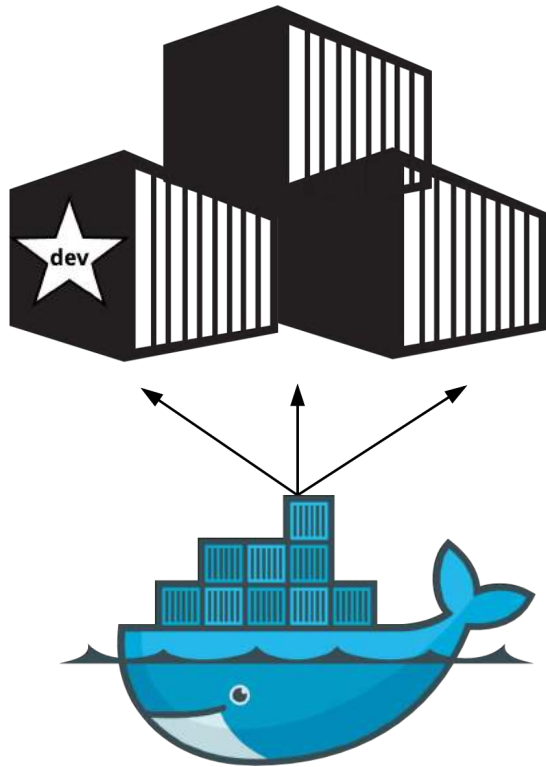
## The basic theory...

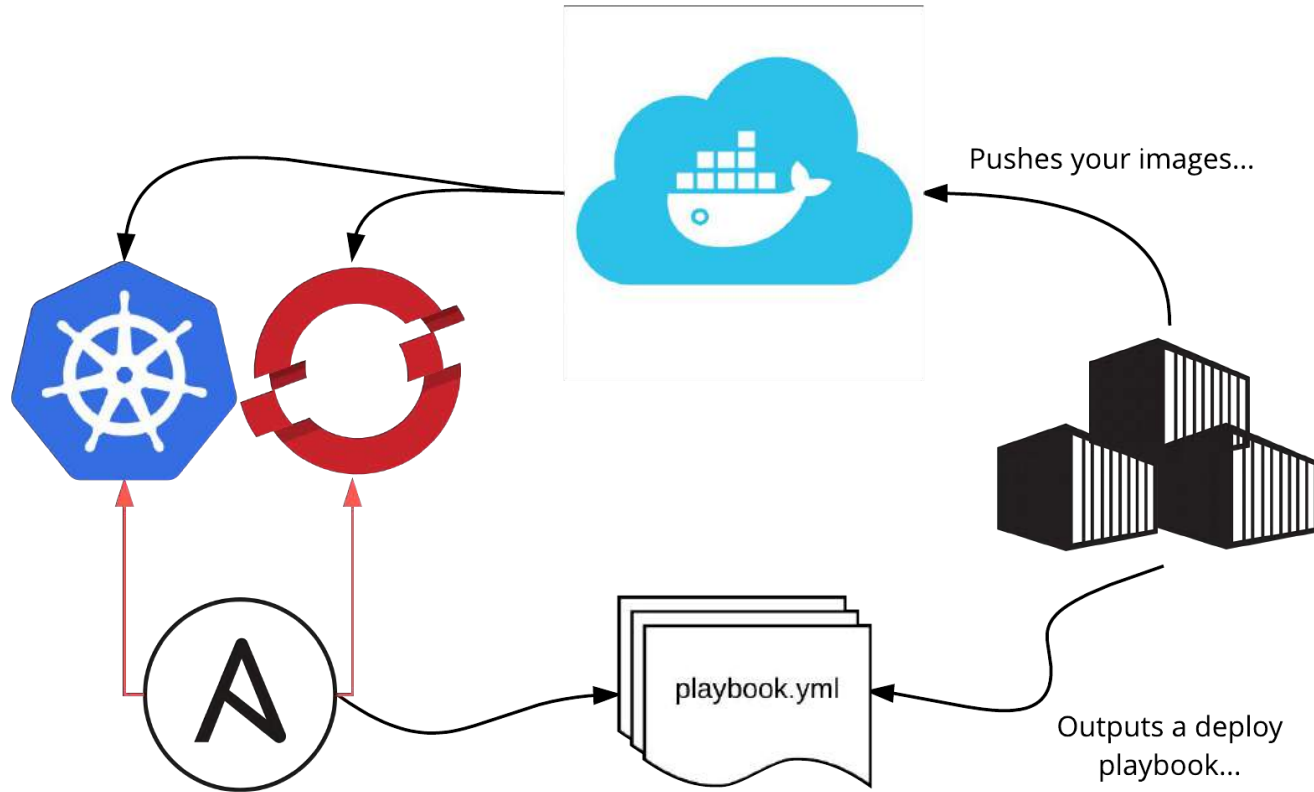


- Uses Docker connection plugin to access hosts via the Docker Engine (no ssh)
- Brings Python runtime from Conductor into target containers, so no Python needed



*Handy Dev*







(Shedding, by Michael Winters)



**Shut up and take my money!**

# Demo

# Join the community



<https://github.com/ansible/ansible-container>

A N S I B L E

**Thank you for your time and attention!**

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(those are zeroes)