OCI: OPENNESS STANDARDIZES BETTER

Vincent Batts @vbatts

```
$> finger $(whoami)
Login: vbatts                         Name: Vincent Batts
Directory: /home/vbatts               Shell: /bin/bash
Such mail.
Plan:
OHMAN
$> id -Gn
devel opencontainers docker appc redhat golang slackware
```
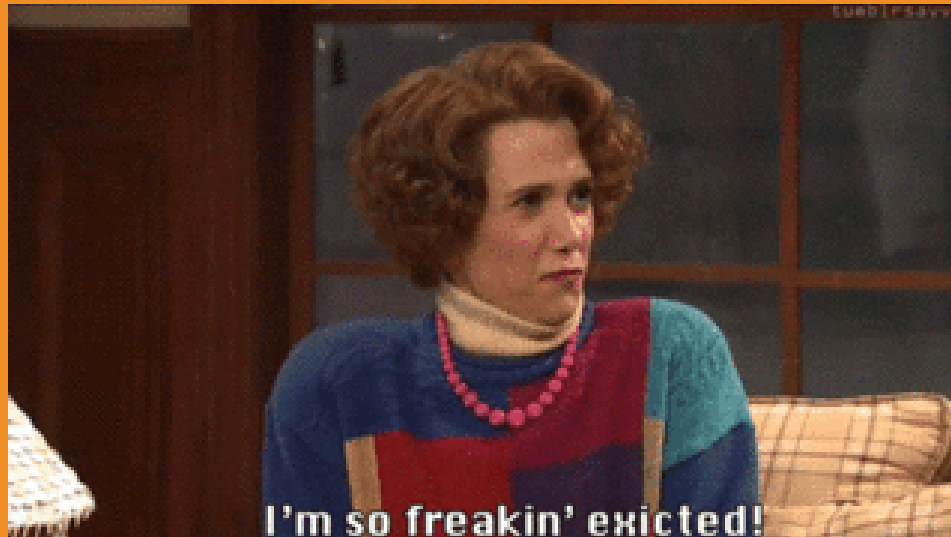

I'm so freakin' exicted!

CONTAINERS

CONTAINERS

(Cite: the internet)

WHEN

WHY

WHO

WHAT

WHEN

WHEN

2013

- Docker launches 🐳
- A number of folks jump in to help

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⏰time passes ⏰

- phenomenal amounts of contributions
- loads of integrations with tooling
- post 1.0 changes. EOL of formats. short windows for supporting tooling

WHEN

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December 2014

CoreOS launches Appc spec
(and rkt 🚀) to rally conformity

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June 2015

Docker launches
OpenContainerInitiative Specs
and donates libcontainer/runc

WHEN

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🌼Spring 🌼 2016

opencontainers/specs was split into
runtime-spec and image-spec

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Today

Both OCI Runtime and Image are
🙌 v1.0.0-rc5 🙌

WHEN

WHEN

(cite: the internet)

WHEN

(cite: the internet)

WHY

WHY

open

mediated

represented

transparent

WHY

Be excellent to each other.

(Cite: the internet)

WHO

OCI Members

OCI Technical Oversight Board

So many MAINTAINERS

And a great community

Reducing politics

Helping others?

Reducing politics

Helping others?

exaggerated stress?

Reducing politics

Helping others?

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Cross pollinating?

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Cross pollinating?

keep passive-aggressiveness in check

burnout?

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keep passive-aggressiveness in check

burnout?

Looking out for each other?

Absolutely, and it takes everyone of us to recognize that others want stress-free happiness, just like you.

This is not

"winner takes all [the happiness]"

(cite: the internet)

WHAT

Runtime Specifications

- Opencontainer Runtime-spec (github.com/opencontainers/runtime-spec)
- Started June 2015
- Presently at v1.0.0-rc5
- `runc` is the flagship. Other implementations like runv and oci-runtime-tools

WHAT

Distribute Image Specifications

- Opencontainer image-spec (github.com/opencontainers/image-spec)
- Started April 2016
- Originated from Docker-1.10 and Registry v2 format
- Presently at v1.0.0-rc5
- Support from Amazon ElasticContainerRegistry (ECR), rkt, flatpak, skopeo, cri-o, containerd and more
- pull-requests opened for docker (moby/moby) and docker-registry

!WHAT

Not included:

- Networking
  - see CNI
  - tools like jessfraz/netns)
- Distribution
  - there is a PR for docker-registry
  - some are using the image-layout
- Whole service composition (see also pods, deployment configs, compose, etc)

NOW

(Cite: the internet)

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THANKS!