

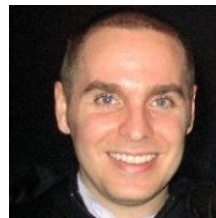
Red Hat Container Playground



Specialist Solutions Architect
Chris Duffield

whoami

CHRIS DUFFIELD
STAFF APP DEV SOLUTION
ARCHITECT
513-225-9585
cduffiel@redhat.com



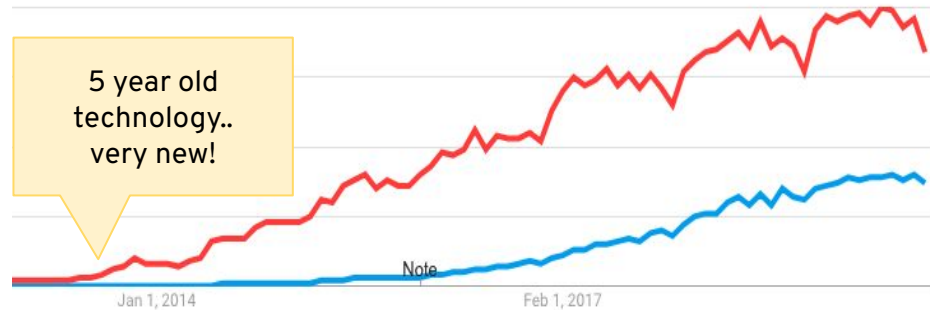
“ >80% of my development teams aren't
Kubernetes and container experts”

Challenge

- Development happens on laptops: not in Kubernetes, sometimes in containers
- IT is moving to Kubernetes in production
- Devs have programming knowledge, but little experience with containers and Kubernetes
- Training every developer to become a container and Kube expert isn't viable: too hard, too long

Need a way to make devs productive on Kube now, but enable their learning journey going forward

Google Search Trend: Kubernetes and Linux Containers



Dictionary Kubernetes Terms

Pod

ReplicaSet

Deployment

Secret

Namespace

ConfigMap

Service

PersistentVolume

Kubernetes by Example

<https://www.kubernetesbyexample.com/>

THE CONTAINER PLAYGROUND

TOOLING FOR
RED HAT
DEVELOPERS

- [Red Hat Developer Portal](#)
- [Learn OpenShift](#)
- How do I get my own OpenShift instance. [Sandbox](#) or [Local](#)
- Traditional IDE support. [VSCode Extensions](#)
- Non Traditional IDE. [Dev Spaces](#)
- OpenShift Developer Perspective. [Source2Image](#)
- [Rapid Service Development](#)
- [Podman Desktop](#)
- [OpenShift Do](#) and [Development Docs](#)
- [Move2Kube](#)
- OpenShift [Blog](#)
- OpenShift [TV](#)
- Monolith to Micro: [Red Hat Migration Tool Kit](#)

Easy to access across the team.