OPENSHIFT MEETUP

ROMA

Slide Lab

HANDS-ON LAB

OPENSHIFT MEETUP ROMA

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60 min

okd

RED HAT OPENSHIFT Container Platform

redhat.

LAB GOAL!

→ Distribuire gadget!

- Scaldarvi le dita!
- Improvvisare un micro hackathon
- Darvi un po’di autonomia

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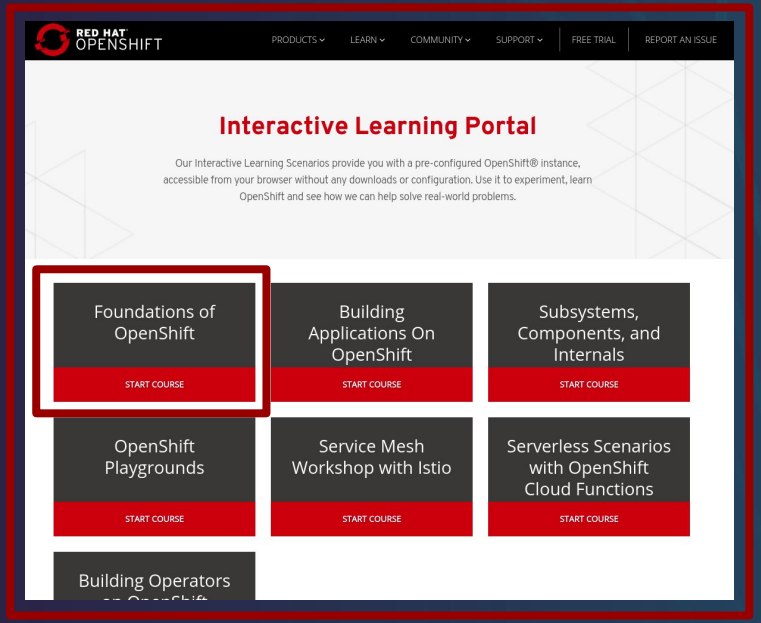
learn.openshift

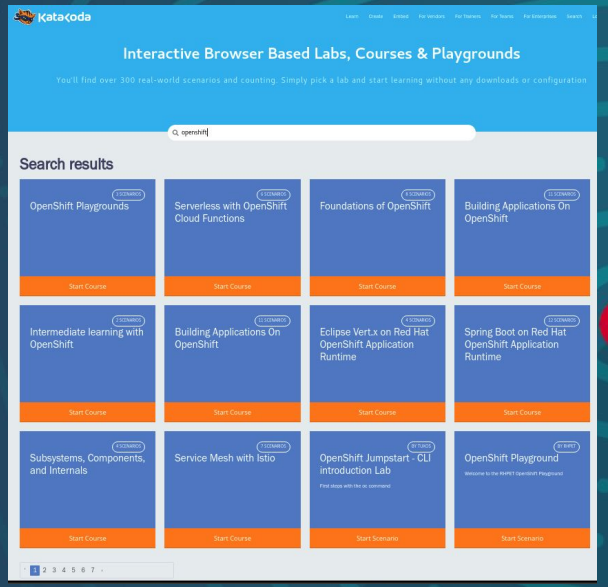
HANDS-ON LAB - 1

TRAINING DI BASE

FREE TRAINING



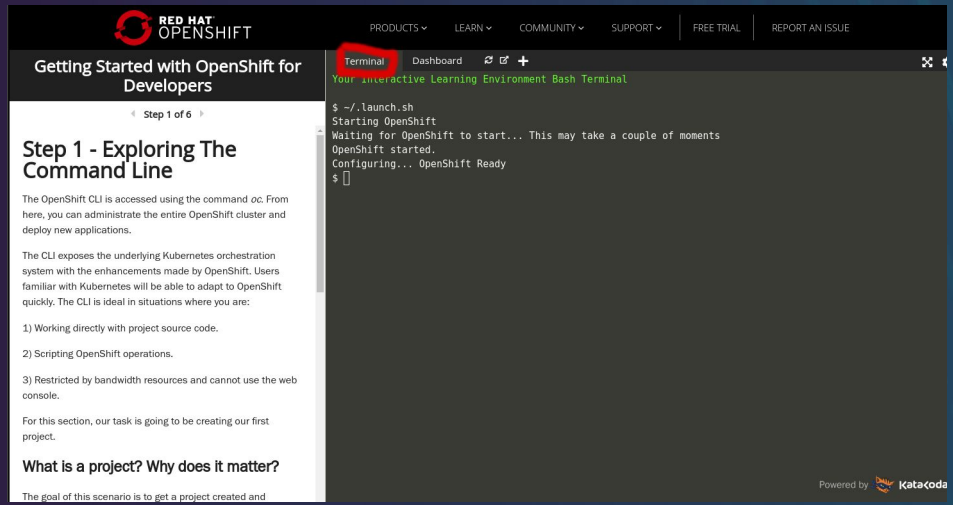
https://learn.openshift.com/

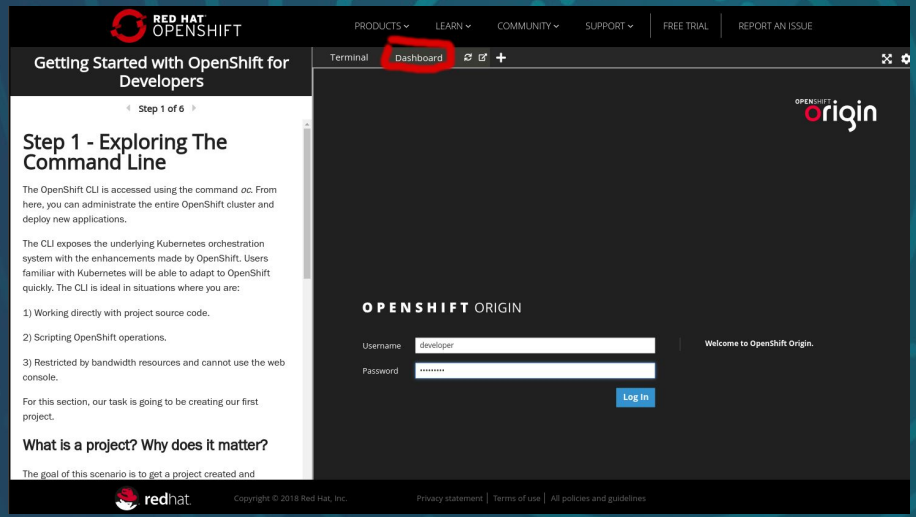


https://www.katacoda.com/learn?q=openshift&hPP=12&idx=scenarios&p=0&is_v=1

GETTING STARTED

https://learn.openshift.com/introduction/getting-started/





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HANDS-ON LAB - 2

MICRO HACKATHON

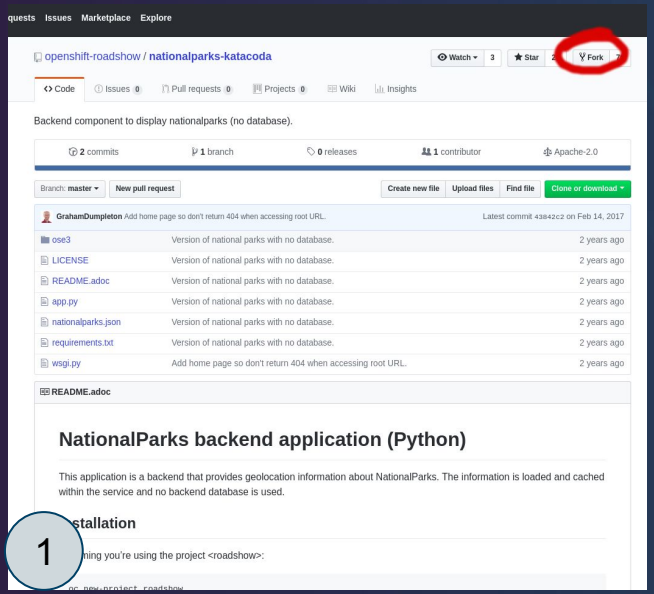
MICRO HACKATHON

Lo scopo di questo LAB è fare hacking del GETTING STARTED appena concluso modificando il codice e configurando l'ambiente per automatizzare BUILD e deploy di sorgenti e container.

STEP:

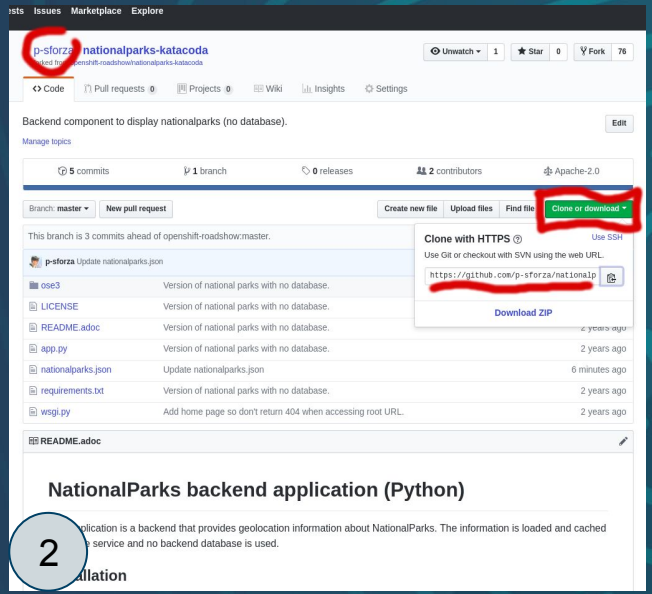
1. Effettuiamo un fork del repo dell'app di demo
2. Modifichiamo lo scenario "GETTING STARTED" puntando al nostro fork
3. Configuriamo i webhook per automatizare la build
4. Facciamo un hack del codice! E godiamo dell'automazione

FORK DEL REPO



1

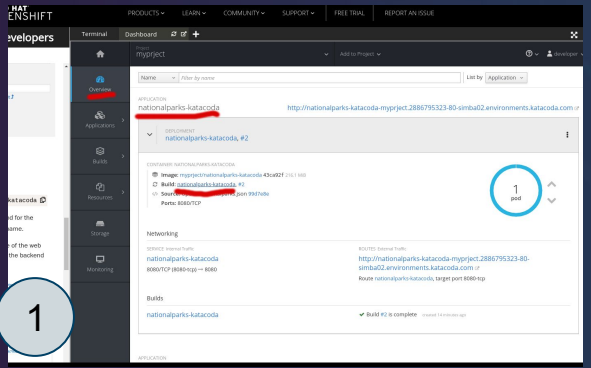
https://github.com/openshift-roadshow/nationalparks-katacoda

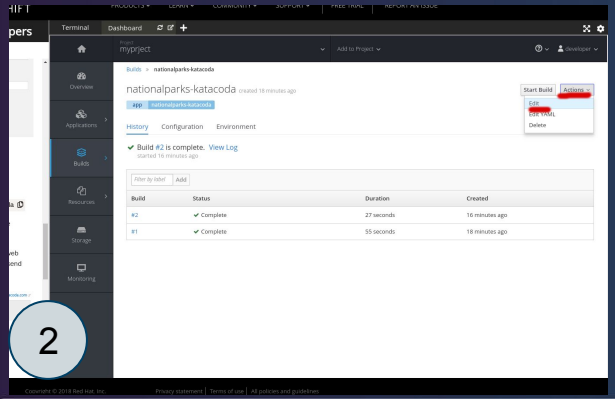


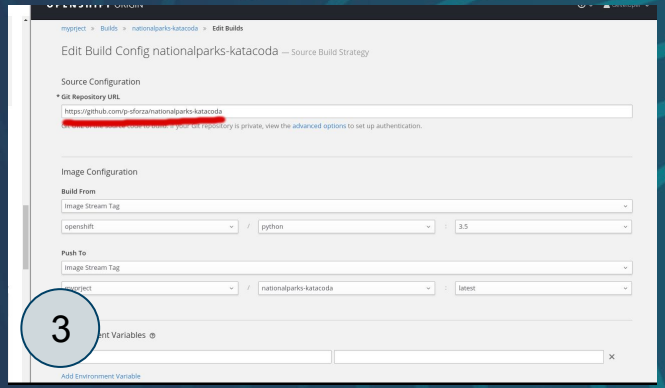
2

https://github.com/<YOUR_ACCOUNT>/nationalparks-katacoda

PUNTIAMO LA BUILD AL NOSTRO FORK

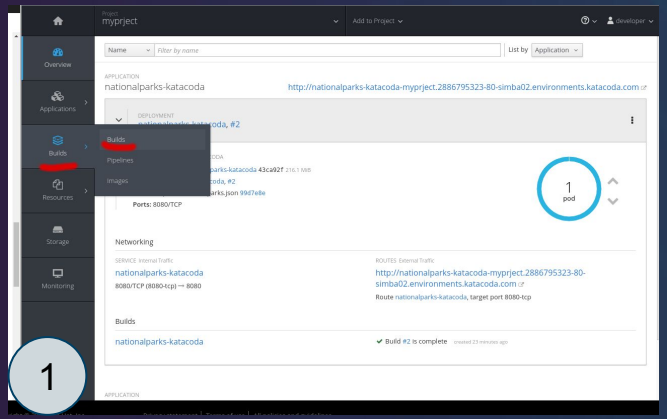


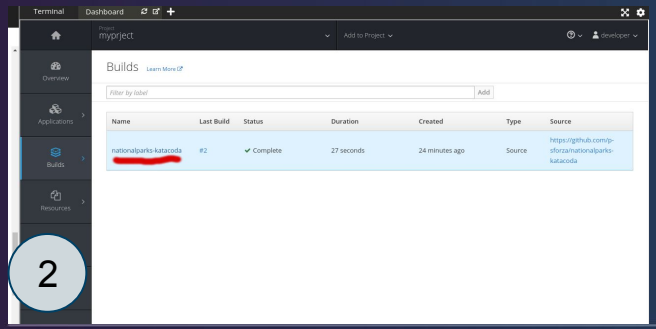


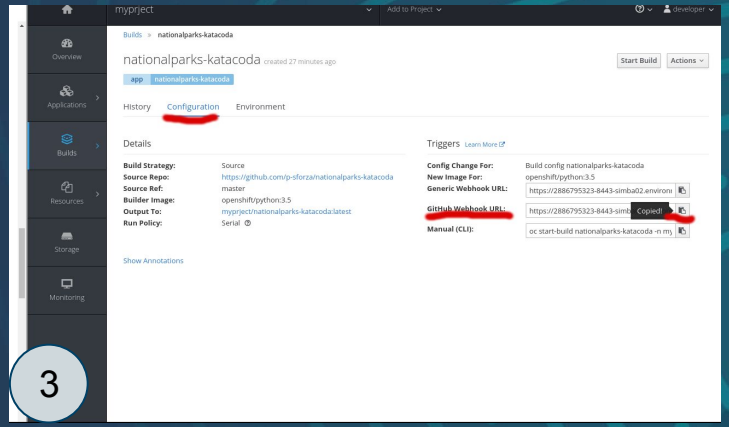


https://github.com/<YOUR_ACCOUNT>/nationalparks-katacoda

CONFIGURIAMO IL WEBHOOK (opzionale)







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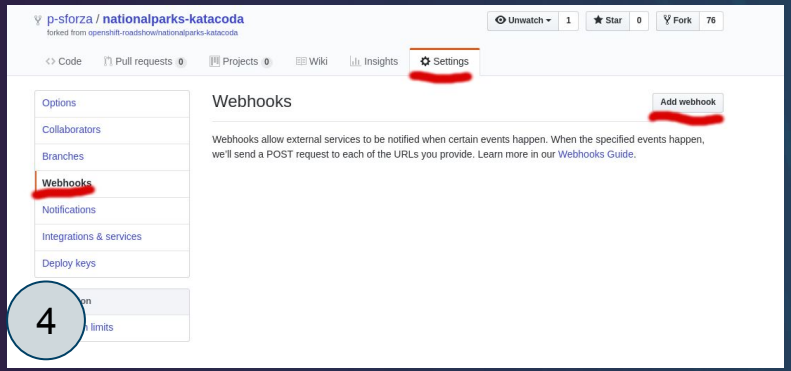
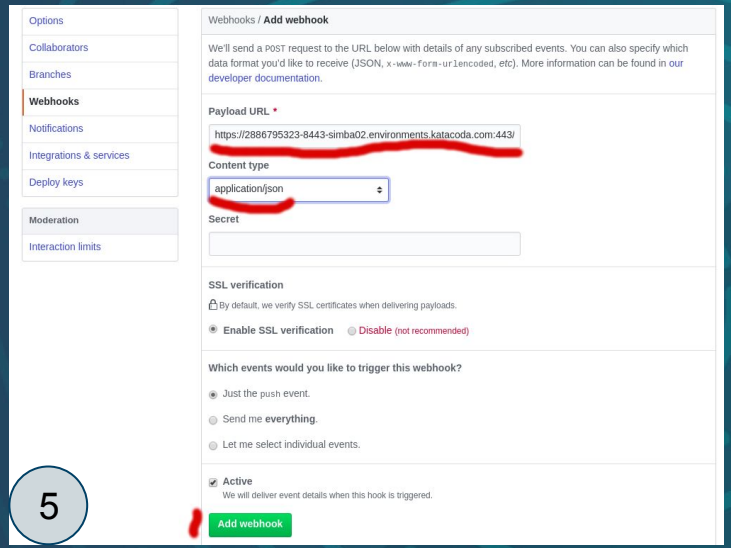
RED HAT OPENSHIFT Container Platform

redhat.

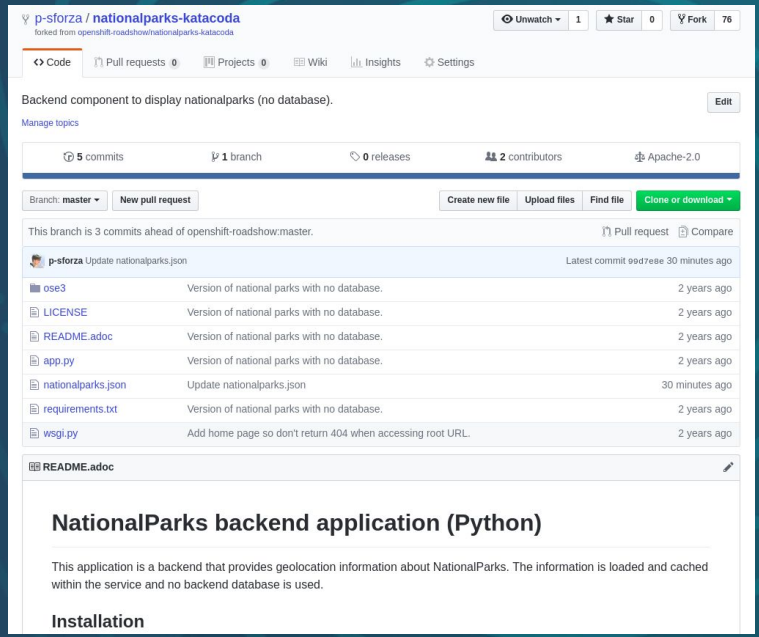
CONFIGURIAMO IL WEBHOOK





HACK DEL CODICE!

1. Torniamo al nostro fork
2. Troviamo come l'app gestisce i punti sulla mappa
3. **Aggiungiamo un punto mancante!**
4. Committiamo il codice (Se NON hai configurato il webhook lancia la build in modo manuale dall'interfaccia di OpenShift)
5. Guardiamo il risultato!



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HANDS-ON LAB - 3

MINISHIFT SETUP

INSTALLAZIONI LOCALI

okd MiniShift

cluster OKD a nodo singolo all'interno di una macchina virtuale [dettagli qui]

okd oc cluster

cluster OKD a nodo singolo in versione container e gestita dalle utility “oc” [dettagli qui]

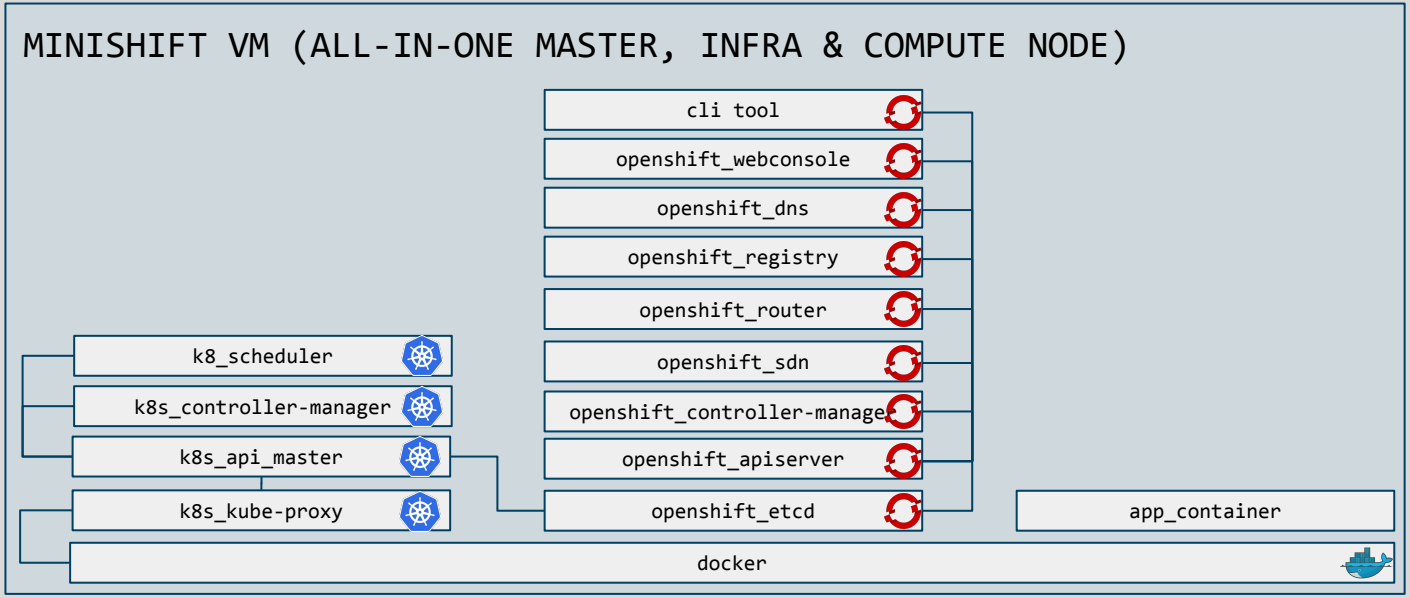
okd Ansible

RED HAT OPENSHIFT Container Platform

cluster completo (OKD o OpenShift Enterprise) [dettagli qui]

MINISHIFT

YOUR WORKSTATION



MINISHIFT UP & RUNNING

1. Set up your virtualization environment
2. Download Minishift for your operating system
3. Install Minishift
4. Start Minishift
5. Configure Minishift

Preparing to Install Minishift

Feedback Form

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