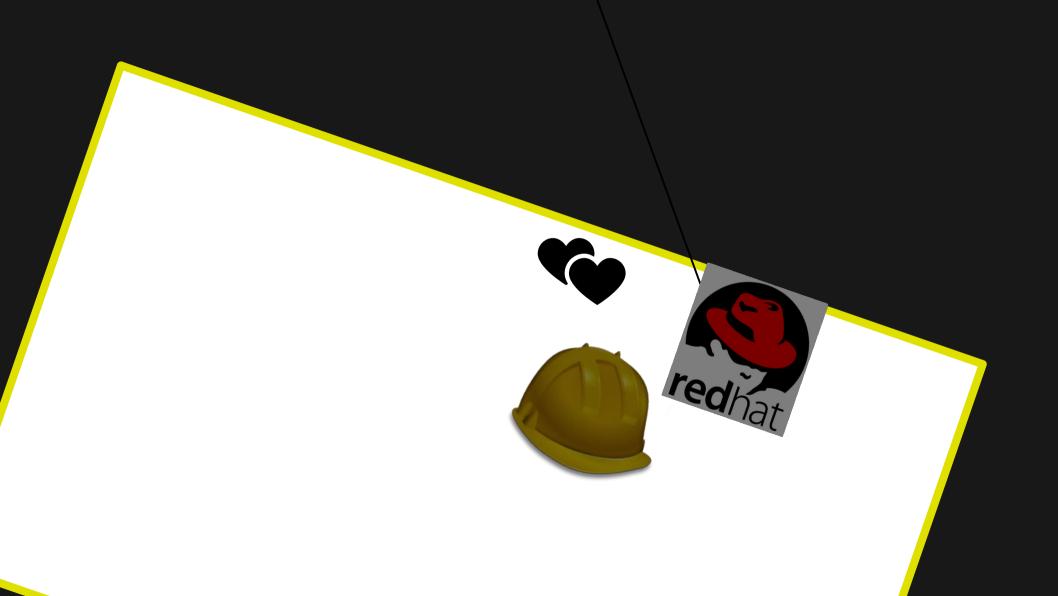
Koreman

Provision & manage Docker containers





B/B/C/



-..akuten



SAILTHRU











The pain

Hint: centralize your infra. management





Managing physical hosts



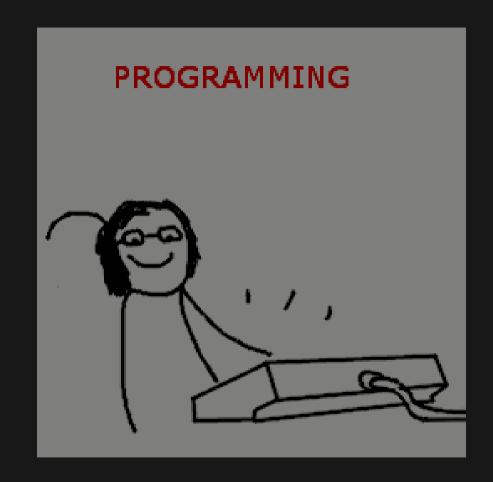
Managing virtual hosts

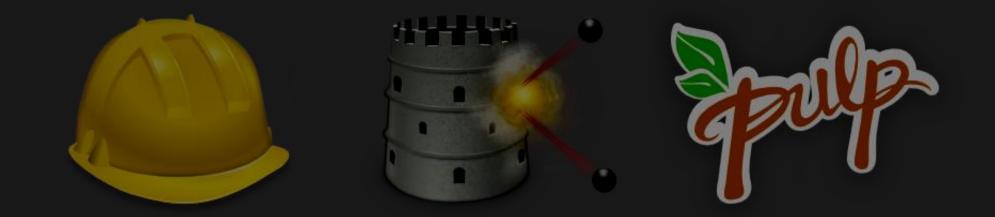
Managing CONTAINERS

(especially)









Libvirt

 $O_{pe_{nstack}}$

Google Complete Engine Wilware

Bare metal

Rackspace

Amazon EC2 OVirt

many providers many PROBLEMS



REST JSON powerful documented



REST JSON powerful documented

iPXE

Cloud-init

Kickstart

Jumpstart

User data

Cloud-config

PXELinux

Partition tabl

...Dockerfiles...

Configuration templates

...Dockerfiles...

Rele Based Access Control

Key to your infrastruct

Roles:

resource/permission

Roles: container/view

Roles: container/view container/create

Roles: container/view container/create location: spain france/view



Monitor **▼**

Containers -

Hosts ▼

Configure 🕶

Infrastructure



Reports

eventful = true	Q Search	T
-----------------	----------	---

Host	Last report	Applied	Restarted	Failed	Restart Failures	Skipped	Pending	
itrac1248.	11 months ago			1				Delete
db-00015.	11 months ago	5				8		Delete
p01001400729050.	11 months ago	16	2			8		Delete
p01001402377583.	11 months ago	16	2					Delete
lxbst0518.	11 months ago							
teigitest02.	11 months a	7						
itrac1314.	11 months a		75				Y 7	Telete
p05153026880455.	11 months a	2						Delete
lxbst0509.	11 months a							lete
lxfsrg21a03.	11 months ago	1	0	0	0	8	0	Delete
itrac1301.	11 months ago	5	0		0	8	0	Delete
ahencz-dev.	11 months ago	2				8		Delete

"Ok. ok. *sighs*...

I came here for DOCKER

Compute resource security

DOCKER

Compute resource security

Search the Internet for a package

Search the Internet for a package

Download the program onto system

Search the Internet for a package

Download the program onto system

Install via RPM or make install

Search the Internet for a package
Download the program onto system
Install via RPM or make install
Run it with privileges

Search the Internet for a package

Download the program onto system
Install via RPM or make install
Run it with privileges

What could go Wrong?

Compute resource security Registry management

Compute resource security
Registry management
Multi-container ops

Compute resource security Registry management Multi-container ops Monitoring

Compute resource security Registry management Multi-container ops Monitoring What else?



localhost ~ ls -l busybox.tar

-rw-rw-r--. 1 daniel daniel 2665984 Feb 1 07:46 busybox

localhost ~ docker save busybox > busybox.

. ta

tar

daniel

daniel

--name Busybox --organization-id 1

hammer product create

daniel

localhost ~

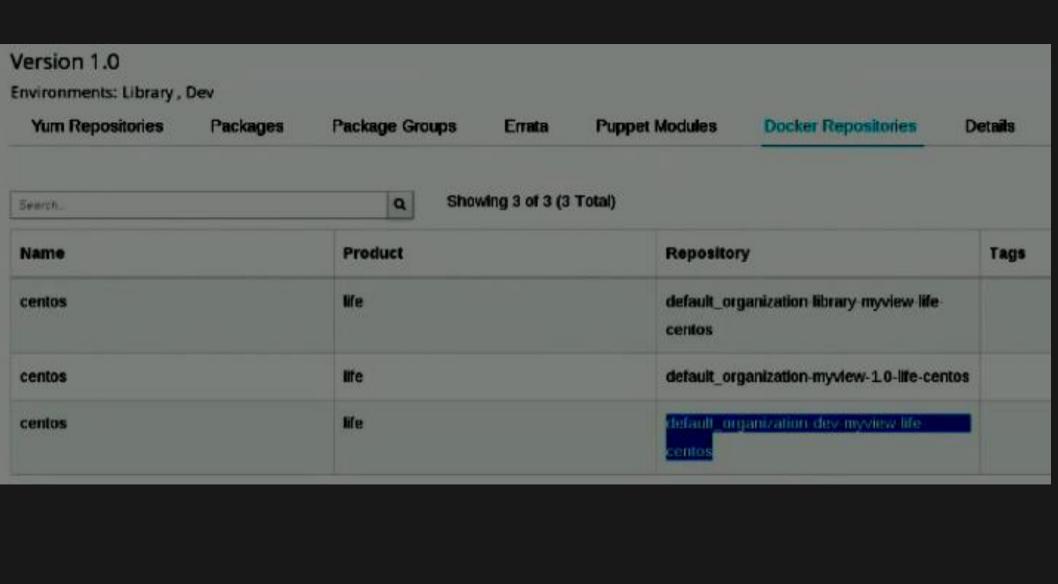
--name busybox --product-id 1 --content-type docker

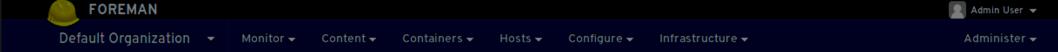
daniel localhost ~ hammer repository create

--organization-id 1 --path busybox.tar

daniel localhost ~ hammer repository

upload-content --name busybox --product Busybox





Containers

New container

AsusDocker SelfDocker

Search:

Name ^	Status	lmage	Command	Uptime \$	Running on 🛊	Managed≑	\$
Dasdas	On	learn/ping:latest	/bin/ping google.com	⊙ 5 minutes	AsusDocker (Docker)	0	Power Off -
Demodemo	Off	elobato/foreman:latest	ruby193-rails s	⊙ N/A	AsusDocker (Docker)	0	Power On -
Mydockerhost	Off	elobato/foreman:latest	ruby193-rails s	O N/A	AsusDocker (Docker)	©	Power On 🔻

Showing 1 to 3 of 3 entries

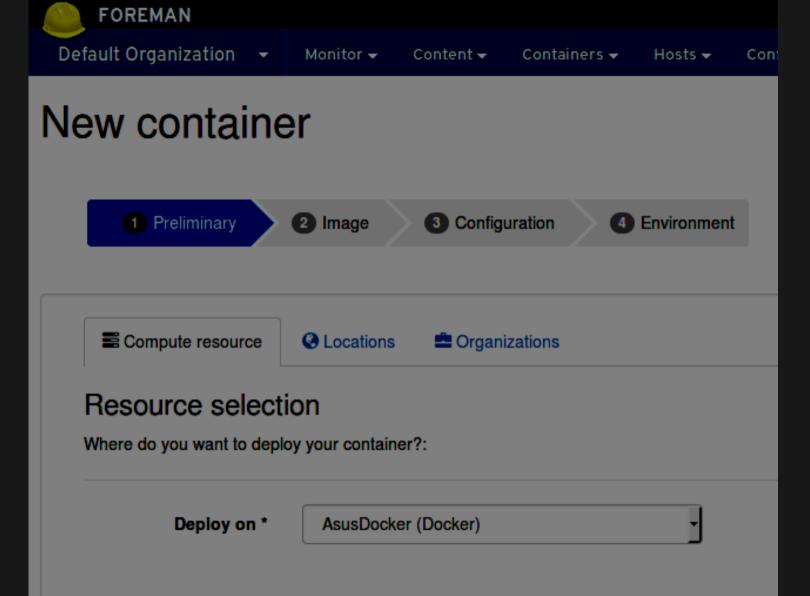


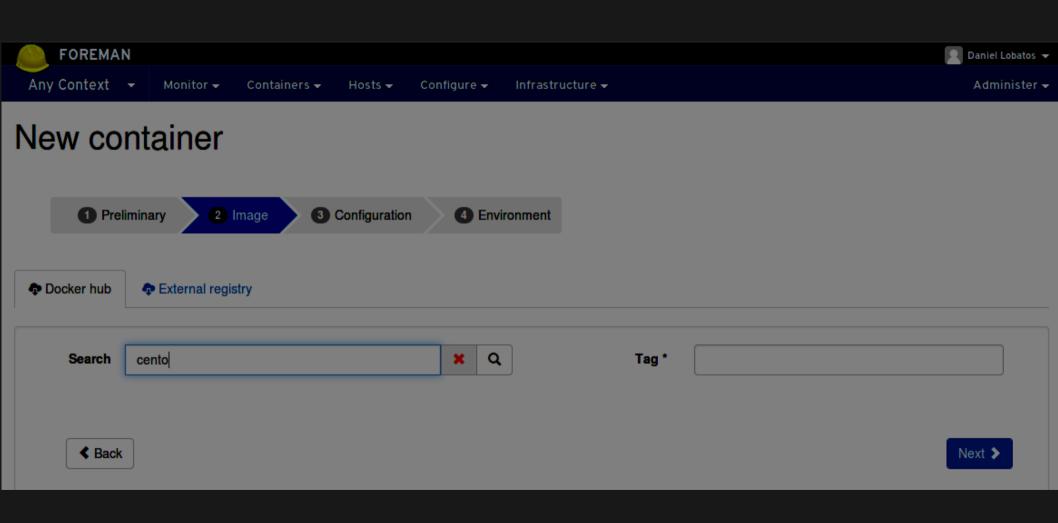


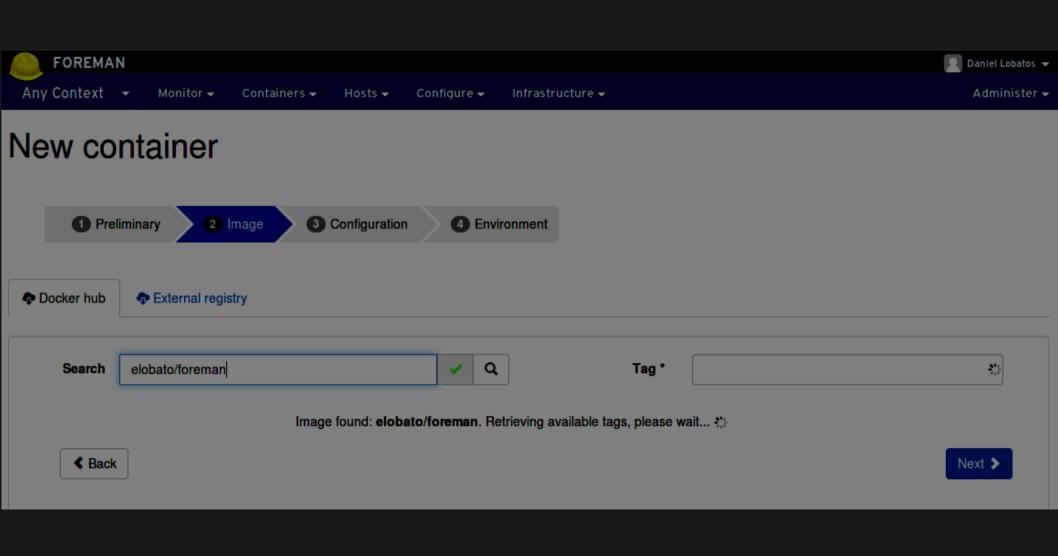


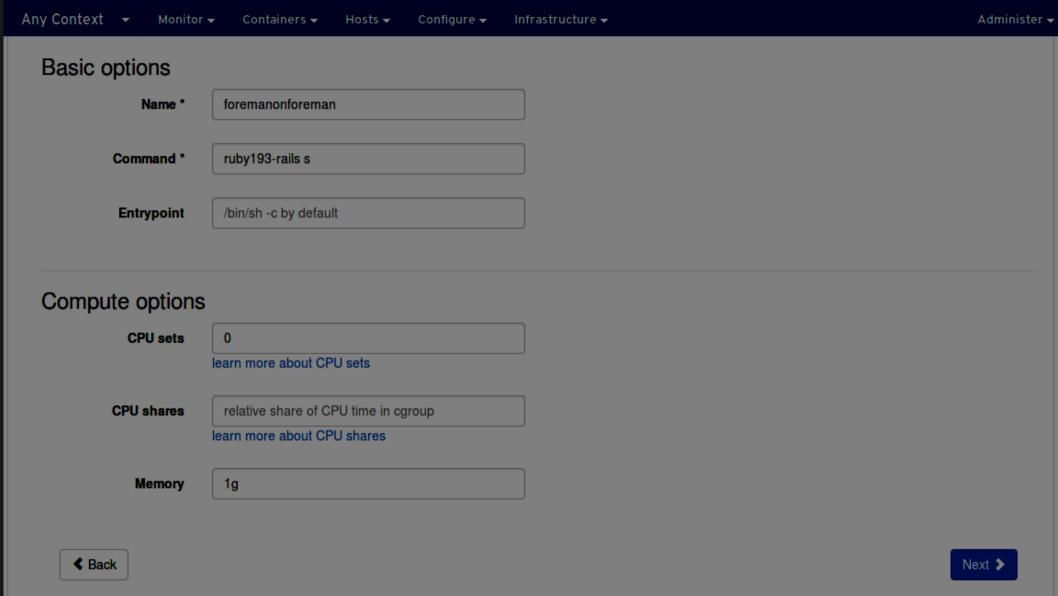
Name	Un	Description	
Local docker registry	http://localhost:5000	docker-registry barebones	Delete

Displaying 1 entry

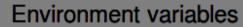






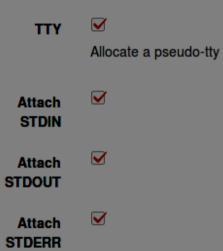








Shell



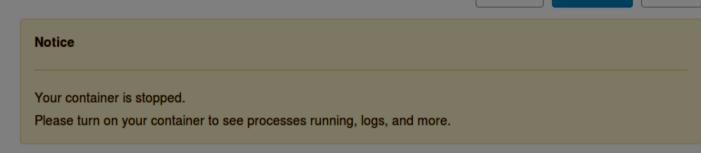


Submit



Foremanonforeman - /foremanonforeman





Commit

Delete

Democontainer - /pensive ritchie

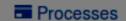




/bin/bash /var/tmp/scl8JscTc

root

/opt/rh/ruby193/root/usr/bin/ruby script/rails s

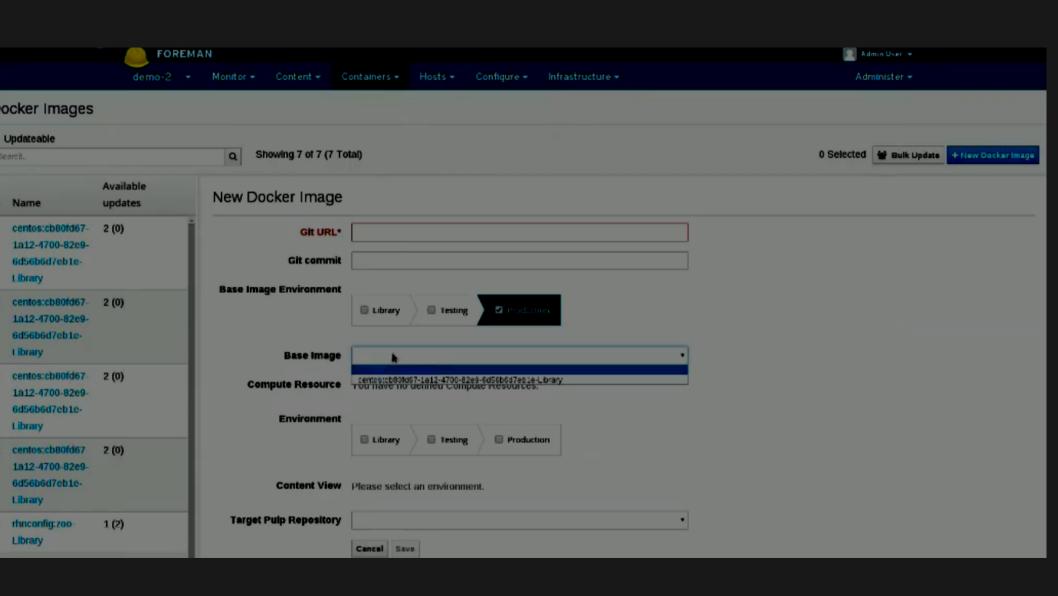




Commit this container state					
This will save	your current container state to an image.				
Repo	docker/my-committed-image				
Tag	latest				
Author	Foreman user <foremaner@theforeman.org></foremaner@theforeman.org>				
Comment	Description of the commit				
	Cancel Submit •	_			

The Future

Image



Docker



theforeman.org

foreman-users foreman-dev

freenode #theforeman #theforeman-dev



/theforeman



new contributors





Merci beaucoup! 谢谢! Thank you! 有難う御座います! D_{ankjewel!} Gracias! Děkujeme vám! תודה רבה! Dankeringio/davi

