
mundipagg

Thiago Barradas

Software Enginner | Mundipagg

[Web Applications] [ASP .NET]
[API RESTful] [Microsoft ❤ Linux]
[Elasticsearch] [Docker]
[DevOps] [Agile]

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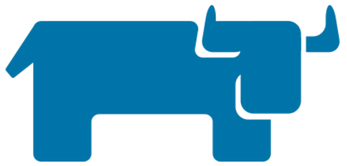
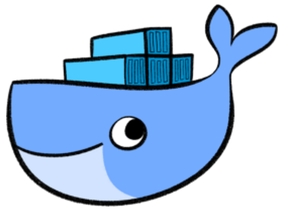


RANCHER

RANCHER

ORQUESTRE SEUS CONTÊINERES DE FORMA SIMPLE E PÁTICA



DOCKER

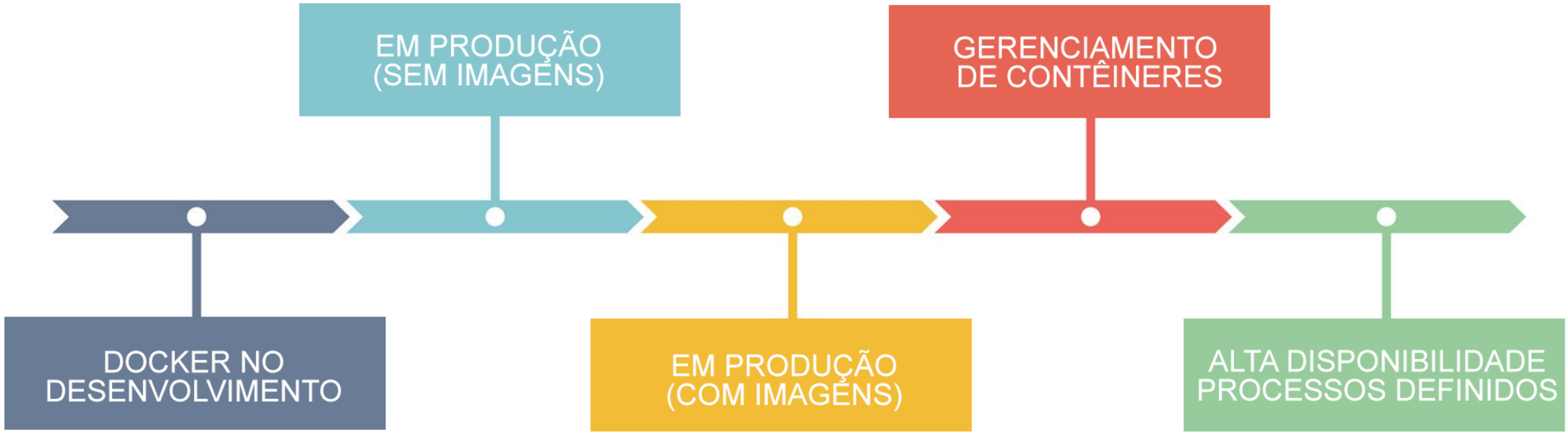
POR QUÊ USAR?

Docker: Por quê usar?

- Ambientes Idênticos
- Aplicação como Pacote
- Padronização e Replicação
- Economia de Recursos
- Facilita o Desenvolvimento
- Facilita o DevOps
- Facilidade no Gerenciamento*
- Opensource & Comunidade
- Compartilhamento de Imagens
- É legal pra caramba!

LEGAL! VOU COMEÇAR A USAR ESSE TAL DE DOCKER!

Como foi o nosso processo?



RANCHER

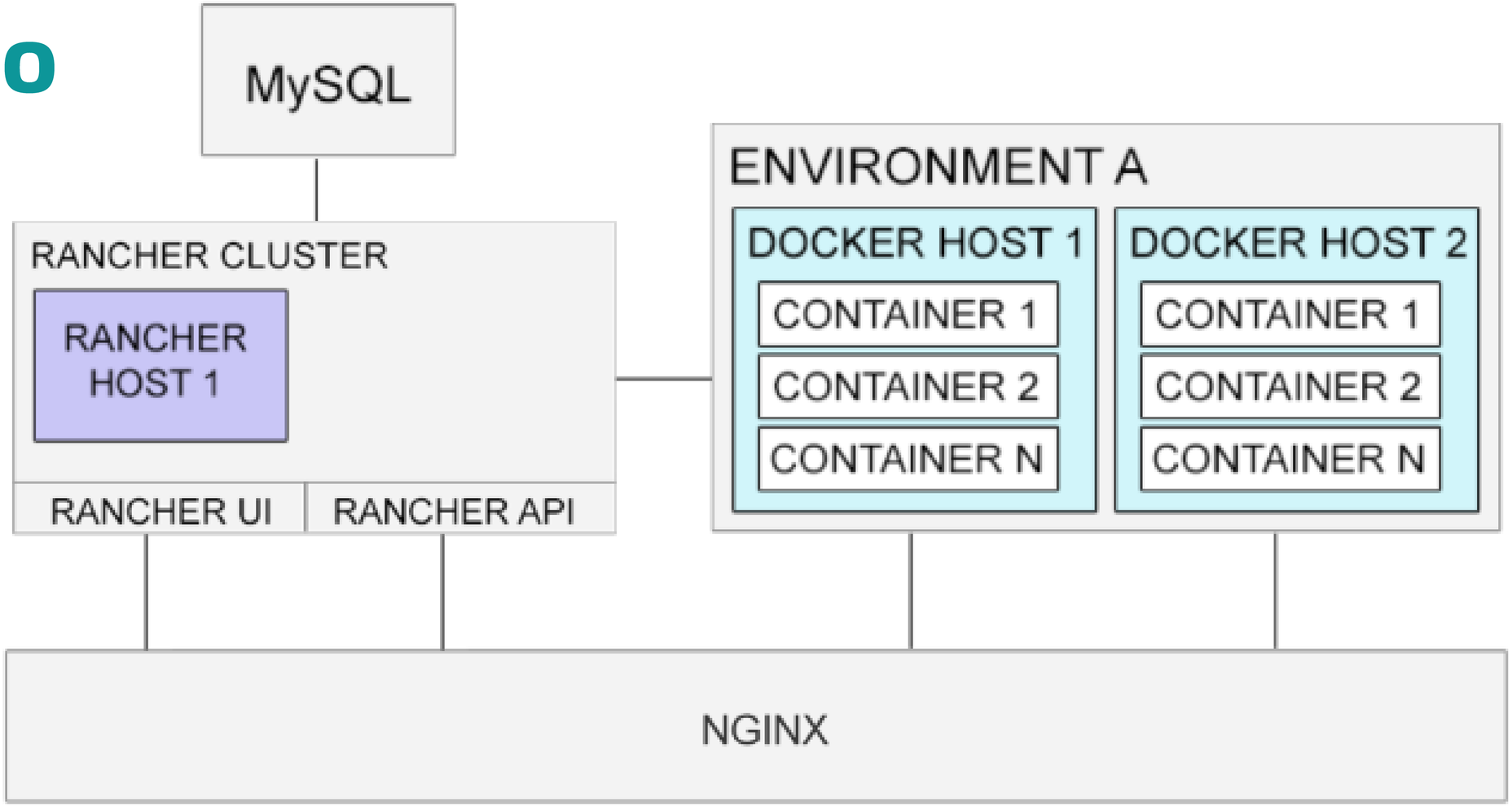
Rancher

- Alta Disponibilidade
- Interface de gerenciamento
- Independente das Aplicações
- Multi ambientes
- Multi orquestradores
- Aplicações como Serviços
- Catálogo de serviços
- Load Balancer nativo
- Acesso ao contêiner
- Integração com principais clouds
- Repositórios de imagens
- Storage externo
- Controle de acesso integrado
- Logs de auditoria
- API de gerenciamento/webhooks

Por quê o Rancher?

- Fácil Implementação
- Interface Amigável
- Funcionalidades*
- API externa
- Opensource & Comunidade

Demo



rancher-server
apione.com
apitwo.com
localhost

Before adding your first service or launching a container, you'll need to add a Linux host with a supported version of Docker. Add a host

Service: Splunk in Splunk

Active

Type:
Service

Scale:
2

Image:
splunk/splunk

Entrypoint:
None

Command:
None

Ports | Containers | Labels | Log

State	Name	IP Address	Host	Image	Stats
Running	Splunk-Splunk-1	10.42.95.126	AZSTGRANCH...	splunk/splunk	Memory: 5 MiB
Running	Splunk-Splunk-2	10.42.28.248	AZSTGRANCH...	splunk/splunk	

Demo

GitHub, Inc. [US] | https://github.com/ThiagoBarradas/rancher-docker

README.md

Getting Started

Running Cluster

1. Register hosts in your local machine;
2. Run `docker-compose up -d`;
3. If you want run all tests offline, run `docker exec -it docker-host-01 sh /start-offline-host.sh` and `docker exec -it docker-host-02 sh /start-offline-host.sh`;
4. Wait a few moments and open in your browser `http://rancher-server`;

Setup Access Control and Hosts

1. Setup Access Control as Local and choose a username and password. `Admin > Access Control > Local`;
2. Go to `Admin > Settings` and change *Host Registration URL* to `http://172.18.0.3:8080` (IP and Port in defined docker-compose.yml);
3. Go to `Infrastructure > Hosts > Add Hosts` and choose `Custom`. Copy code in step 5 (without sudo);
4. Connect in `docker-host-01` using `docker exec -it docker-host-01 sh` and run copied command;
5. Do the previous two step for add `docker-host-02`;
6. Wait for all containers to ready;

Links:

https://github.com/ThiagoBarradas/rancher-docker

https://tinyurl.com/rancher-article

http://slack.rancher.io/

https://github.com/rancher/

https://rancher.com/docs/rancher/v1.6/en/quick-start-guide/

https://rancher.com/docs/rancher/v2.x/en/quick-start-guide/

https://rancher.com/what-is-rancher/how-is-rancher-different

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Obrigado!