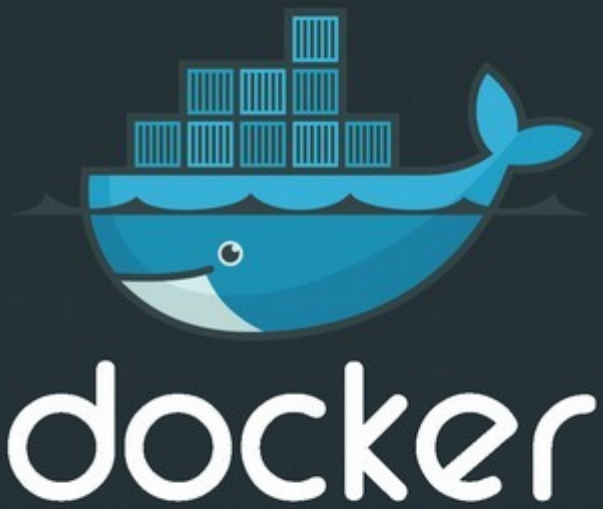
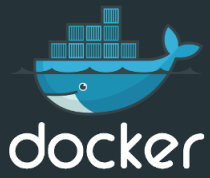
Deploy Rails With Docker



Dwi Fahni Denni (dfdenni)

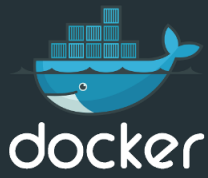
https://github.com/zeroc0d3



Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

- What's Docker
- Why Docker
- Container v.s Virtualization
- Docker Setup & Installation
- Docker Tools
- Build Simple Dockerfile
- Create New Simple Rails Application
- Deploy Rails Application
- Test Driven Development (TDD) Dockerfile



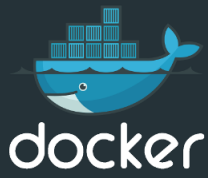
Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

introduction #{me}

Dwi Fahni Denni (dfdenni)

Security Researcher | Full Stack Web Developer | Archer



Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

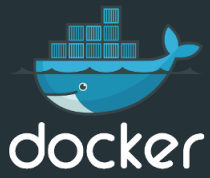
daily #{activity}

Full Stack Engineer @ domikado.com

(Web App, Mobile App & SEO Marketing Consultant)

System Analyst @ nfndp.com

(Architecture, Master Plan, Urban, Interior Design Consultant)



Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

daily #{community}

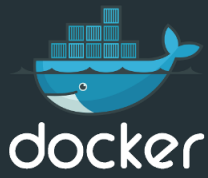
Founder ZeroC0D3 Team

(Independent Security Researcher)

Contributor & Maintainer Laradock

(A Docker PHP Development Environment)

https://github.com/laradock/laradock

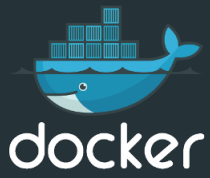


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{whats}

What's Docker

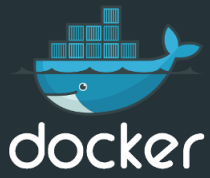


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{why}

Why Docker

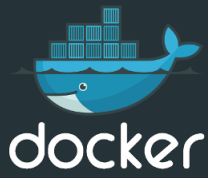


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{compare}

Container v.s Virtualization

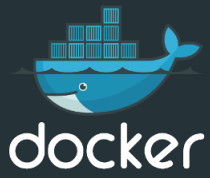


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{req}

Requirements

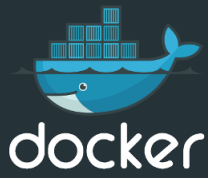


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{begin}

Installation & Setup

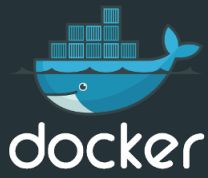


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{tools}

Docker Tools

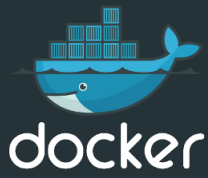


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{demo1}

Create Simple Dockerfile

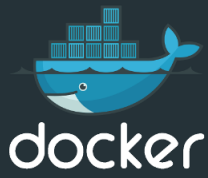


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{demo2}

Build & Run Docker Container

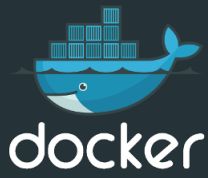


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{demo3}

Create New Rails Application

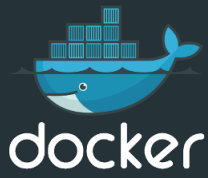


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{demo4}

Setup Configuration Rails

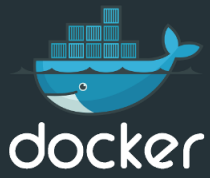


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{deploy}

Deploy Rails In Different Environments



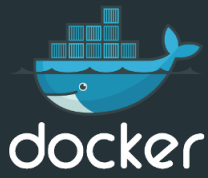
Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{demo5}

Running Capistrano For Deploying Environment Docker Container

(Development & Production)

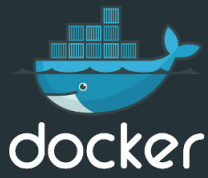


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{run}

Running Rails From Docker Container



Deploy Rails With Docker

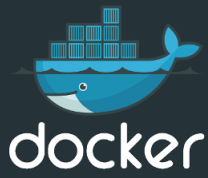
Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{demo6}

Restart Unicorn - Optional

(Development & Production*)

*) NO NEED to run if causing downtime

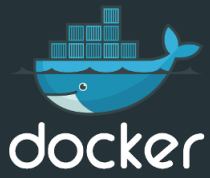


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{evaluate}

Test Driven Development (TDD) Dockerfile

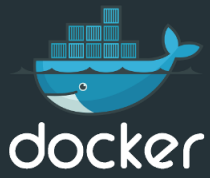


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{demo7}

Running TDD Dockerfile From RSpec

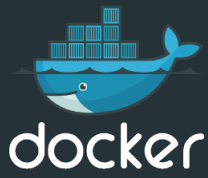


Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{qa}

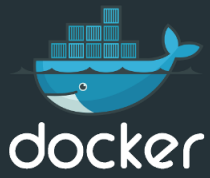
Questions ?



Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

```
def Presentation
  puts #{Thanks}
end
```



Deploy Rails With Docker

Dwi Fahni Denni (dfdenni) :: https://github.com/zeroc0d3

def #{email}

denni@domikado.com
dfdenni@nfndp.com