

Build Docker Image



Rajesh Kumar

DevOps Architect

@RajeshKumarIN | www.RajeshKumar.xyz

2 Way

- Modify existing
- Create New

Modify Existing

- `docker run -t -i training/sinatra /bin/bash`
- `gem install json`
- `exit`
- `docker commit -m "Added json gem" -a "Rajesh Kumar" 05e15b3555dd
scmgalaxy/sinatra:v2`
- `docker run -t -i scmgalaxy/sinatra:v2 /bin/bash`

Create new

- `mkdir sinatra1`
- `cd sinatra1`
- `touch Dockerfile`

`FROM ubuntu:14.04`

`MAINTAINER Rajesh Kumar <rajesh@scmgalaxy.com>`

`RUN apt-get update && apt-get install -y ruby ruby-dev`

`RUN gem install sinatra1`

- `docker build -t scmgalaxy/sinatra1:v2 .`

Another

```
> mkdir myapp1
```

```
> cd myapp1
```

```
> vi Dockerfile
```

```
FROM ubuntu:latest
```

```
MAINTAINER rajesh@scmGalaxy.com
```

```
RUN apt-get install git
```

```
RUN mkdir /src
```

```
docker build -t myapp1 .
```

Reference

- <https://docs.docker.com/engine/tutorials/dockerimages/>