

Jorge Dias

Faster containers development using fig

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About me

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Fig introduction

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I was born in Venezuela

Devops @ Xing / Development & Testing infrastructure

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Fast, isolated development environments using Docker

```
FROM python:2.7
ADD . /code
WORKDIR /code
RUN pip install -r requirements.txt
```

```
web:
  build: .
  command: python app.py
  ports:
    - "5000:5000"
  volumes:
    - ./code
  links:
    - redis
redis:
  image: redis
```

fig up


```
Pulling image redis...
Building web...
Starting figtest_redis_1...
Starting figtest_web_1...
redis_1 | [8] 02 Jan 18:43:35.576 # Server started, Redis version 2.8.3
web_1   | * Running on http://0.0.0.0:5000/
```

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Scaling fig

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The problem

Developing containers requires many commands

Stop the container -> Build again -> Restart the containers

Stopping & Starting many containers all the time is very time consuming

Manual and error prone process

I don't like that

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The solution

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guard-fig

<https://github.com/diasjorge/guard-fig>

Small focused tool that helps you develop docker containers faster using fig

Detects changes to your project

Stops and builds only the container that has changed

Restarts linked containers

Recreates only the minimum images needed

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Demo Time

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That's all, thanks!

