

Spindle  
devhouse

```
main = { content: "Using Drone",  
         author: "Luit van Drongelen" }
```

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# Development and Deployment Using Drone

1. What is Drone
2. Why is it awesome
3. How do you set it up
4. How do you use it



# DRONE IS A CONTINUOUS DELIVERY PLATFORM BUILT ON DOCKER



# Drone

- Simple and extensible
- Everything in Docker
- Documentation ... could be better

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# How Drone works

- Repositories » builds » build steps » commands
- Build step = Docker container
- Shared namespace



“ It's very easy to  
define a build  
process this way.

— Me



# Setting up Drone

```
$ docker run -d --env-file=./server \  
> -v /var/lib/drone:/var/lib/drone:rw \  
> drone/drone:0.5  
  
$ docker run -d --env-file=./agent \  
> -v /var/run/docker.sock:/var/run/docker.sock:rw  
> drone/drone:0.5 agent
```





# Building a website API server

pipeline:

build:

image: golang:1.8

commands:

- go install -v ./cmd/...



# Building a website API server

```
release:  
  image: plugins/github-release  
  files:  
    - /go/bin/amw-server  
when:  
  event: tag
```



# Building a website API server

```
notify:  
  image: loeyt/drone-mailjet  
  on_success: change  
  on_failure: always  
  when:  
    status: [ success, failure ]
```



# Building a website

## Webpack + Hugo

pipeline:

webpack:

image: node:6-alpine

commands:

- npm install --silent
- npm run ci



# Building a website

## Webpack + Hugo

hugo:

image: loeyt/hugo

commands:

- hugo



# Building a website

## Webpack + Hugo

rsync:

```
image: drillster/drone-rsync
hosts: [ ${DEPLOY_HOST} ]
source: ./public
target: ~/sites/${SITE}
recursive: true
delete: true
```



# Secrets

```
$ drone secret add <repo> <name> <value>
```

or

```
$ drone global secret add <name> <value>
```

```
$ drone sign <repo>
```



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