Docker



Docker FOr Mac

Oui c'est lent

à cause d'inconsistances dans la virtualisation du kernel, la virtualisation de la propagation d'events inotify

Docker utilise un osxfs volume partagé entre l'hote et le xHyve

Docker-compose volume mount

- 1. consistent
- 2. **cached** Updates may have a lag before showing up on the host side.
- 3. **delegated** Updates may have a lag before showing up on the container side.

--V - my-code:/app/myapp:delegated

Solution 2 : DMS, Docker Sync, etc.

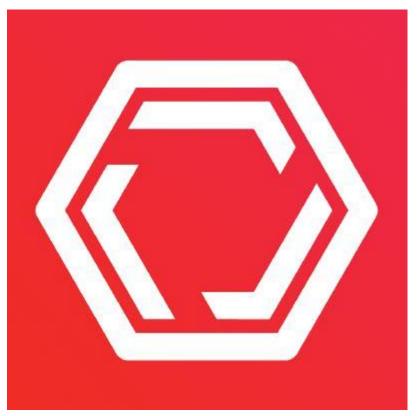
```
https://github.com/mickaelperrin/docker-magic-sync (26*)
https://github.com/EugenMayer/docker-sync (3,1k*)

docker-sync.yml

version: "2"
syncs:
appcode-native-osx-sync:
src: './app'
sync excludes: ['ignored folder', '.ignored dot folder']
```

Mutagen

```
sync:
defaults:
 mode: "two-way-resolved"
 flushOnCreate: true
 ignore:
  vcs: true
my-volume-name:
 alpha: "php/src"
 beta: "docker://php_example/app/src"
 ignore:
  paths:
   - ".idea"
   - "node_modules"
   - "php/src/vendor"
```



https://mutagen.io/

12 factors apps

Twelve-Factor Applications

1. CODEBASE

One codebase tracked in SCM, many deploy

2. DEPENDENCIES

Explicitly declare isolate dependencies

3. CONFIGURATION

Store config in the environment

4. BACKING SERVICES

Treat backing services as attached resources

5. BUILD, RELEASE, RUN

Strictly separate build and run stages

6. PROCESSES

Execute app as stateless processes

7. PORT BINDING

Export services via port binding

8. CONCURRENCY

Scale out via the process model

9. DISPOSABILITY

Maximize robustness & graceful shutdown

10. DEV/ PROD PARITY

Keep dev, staging, prod as similar as possible

11. LOGS

Treat logs as event stream

12. ADMIN PROCESSES

Run admin / mgmt tasks as one-off processes

Merci!