















Présentation ADRAR Pôle Numérique





















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Docker





















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- Solomon Hykes
- Docker inc
- GO
- Linux / Mac / Windows





























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Linux Containers

























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Container VS Machine virtuelles













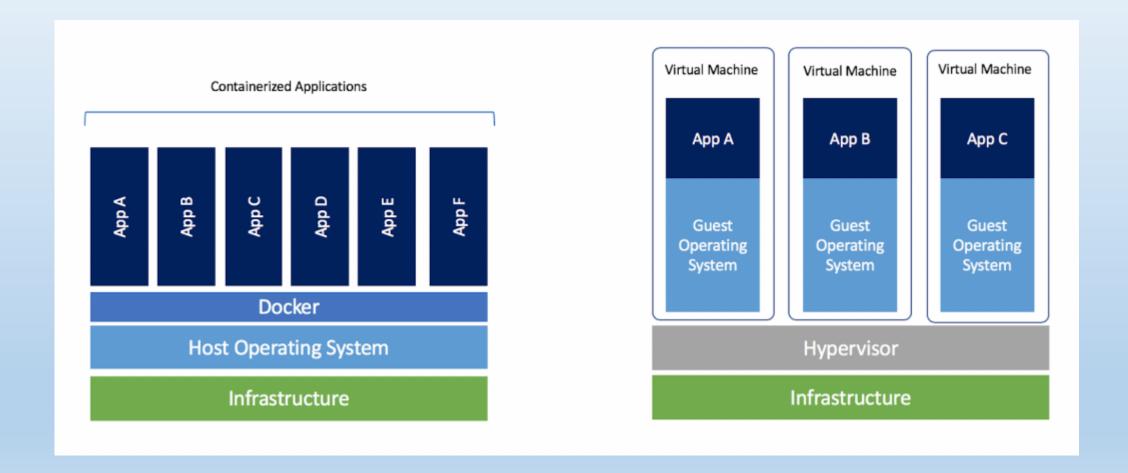








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Les images



















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T dealer court court			
<pre>\$ docker search oracle NAME</pre>	DESCRIPTION	STARS	OFFICIAL
oraclelinux	Official Docker builds of Oracle Linux.	536	[OK]
sath89/oracle-12c	Oracle Standard Edition 12c Release 1 with d	435	
frolvlad/alpine-oraclejdk8	The smallest Docker image with OracleJDK 8 (355	
alexeiled/docker-oracle-xe-11g	This is a working (hopefully) Oracle XE 11.2	277	
sath89/oracle-xe-11g	Oracle xe 11g with database files mount supp	230	
wnameless/oracle-xe-11g	Dockerfile of Oracle Database Express Editio	141	
jaspeen/oracle-11g	Docker image for Oracle 11g database	77	
isuper/java-oracle	This repository contains all java releases f	56	
oracle/openjdk	Docker images containing OpenJDK Oracle Linux	52	
airdock/oracle-jdk	Docker Image for Oracle Java SDK (8 and 7) b	42	
sath89/oracle-ee-11g	Dockerfile of Oracle Database Enterprise Edi…	37	
cogniteev/oracle-java	Oracle JDK 6, 7, 8, and 9 based on Ubuntu 16	24	
ingensi/oracle-jdk	Official Oracle JDK installed on centos.	21	
oracle/nosql	Oracle NoSQL on a Docker Image with Oracle L	17	
sgrio/java-oracle	Docker images of Java 7/8/9/10 provided by O	17	
n3ziniuka5/ubuntu-oracle-jdk	Ubuntu with Oracle JDK. Check tags for versi…	16	
frolvlad/alpine-oraclejre8	The smallest Docker image with OracleJRE 8 (7	
andreptb/oracle-java	Debian Jessie based image with Oracle JDK in	7	
teradatalabs/centos6-java8-oracle	Docker image of CentOS 6 with Oracle JDK 8 i	4	
davidcaste/debian-oracle-java	Oracle Java 8 (and 7) over Debian Jessie	4	
martinseeler/oracle-server-jre	Oracle's Java 8 as 61 MB Docker container.	4	
publicisworldwide/oracle-core	This is the core image based on Oracle Linux	1	
softwareplant/oracle	oracle db	0	
bitnami/oraclelinux-extras	Oracle Linux base images	0	
pivotaldata/oracle7-test	Oracle Enterprise Linux (OEL) image for GPDB	0	









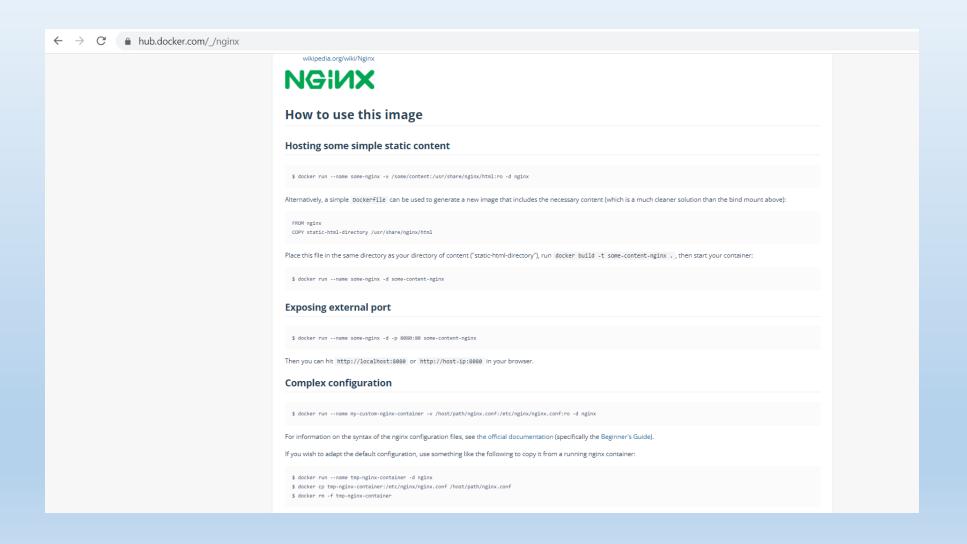








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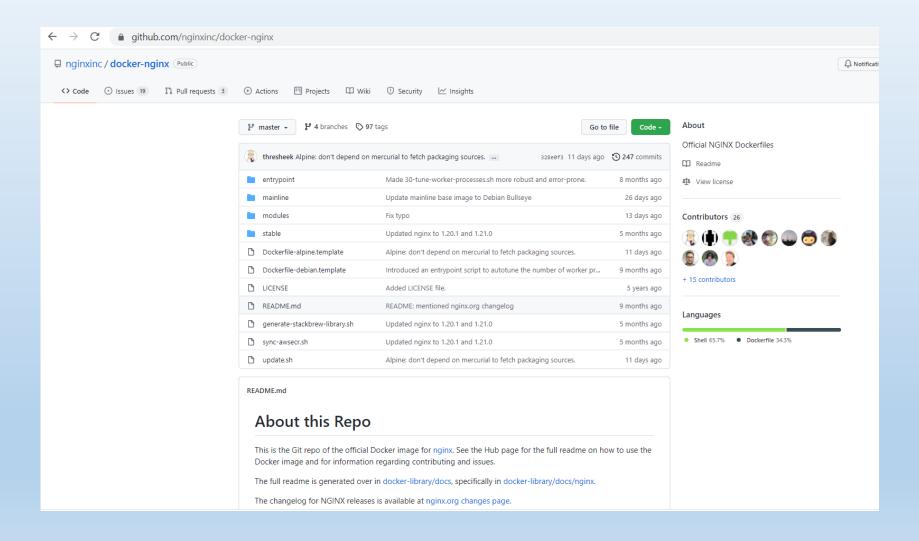








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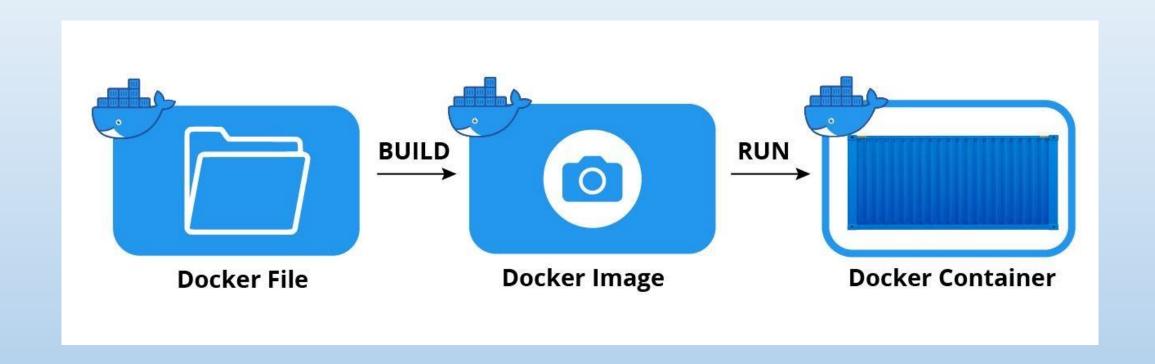








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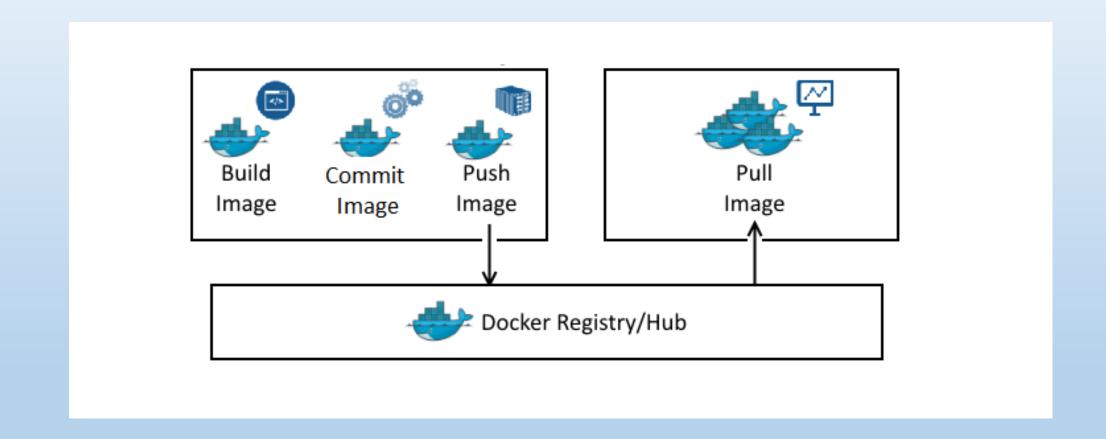




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GRANDE ÉCOLE DU NUMÉRIQUE



















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L'accès aux containers









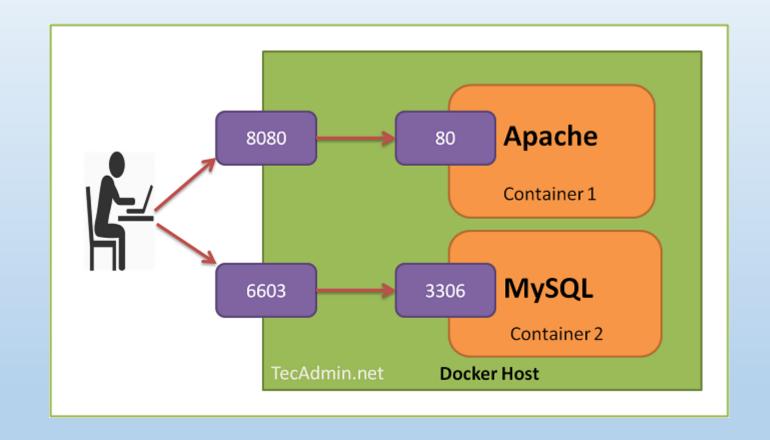








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Le Dockerfile

















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```
ubuntu⊎
   MAINTAINER Eugene Kalinin↓
  # base update &
 5 RUN echo "deb http://archive.ubuntu.com/ubuntu precise main universe" > /etc/apt/sources.list
6 RUN aptitude update
 7 RUN apt-get -y upgrade 
9 # node.js √
10 RUN apt-get install python-software-properties python g++ make -y↓
11 RUN add-apt-repository ppa:chris-lea/node.js
12 RUN apt-get update ↓
  RUN apt-get install nodejs
14
15 # mongodb ←
16 RUN apt-get install mongodb
17
18 # uptime 

✓
      https://github.com/fzaninotto/uptime/archive/master.zip /uptime.zip
```





















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Le docker-compose











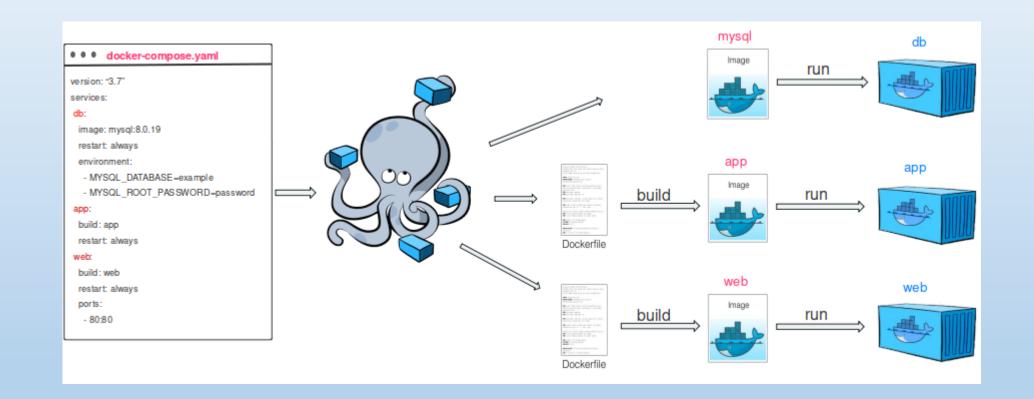








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```
version: '2'
services:
    web:
        build: .
        ports:
            - "8000:8000"
        volumes:
            - .:/app
        links:
            - db
    db:
        image: "postgres:9.6"
        ports:
            - "5432:5432"
        environment:
            POSTGRES_PASSWORD: hunter2
```