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- guía puesta a punto de jenkins con docker hub:

<https://docs.docker.com/engine/install/debian/>

- Creacion imagen jenkins:

`docker build -tjenkins/jenkins:lts-jdk11 .`

- Iniciar contenedor con socket para correr docker dentro del contenedor, almacenamiento permanente y mapeo de puertos con el host:

```
docker run --privileged -d -p 50000:50000 -p 8080:8080 -v
//var/run/docker.sock:/var/run/docker.sock -v jenkins:/var/jenkins_home jenkins/jenkins:lts-
jdk11
```

- Resolucion de problemas encontrados:

Experiencia de un par de años con docker, jenkins, sonarqube y linux

- Repositorio github:

<https://github.com/montolla/byMontolla.git>

- Repositorio docker hub:

<https://hub.docker.com/r/montolla/by-montolla/tags>

- Jenkinsfile:

<https://github.com/montolla/byMontolla/blob/main/Jenkinsfile>

- Dockerfile que se subio a docker hub:

<https://github.com/montolla/byMontolla/blob/main/Jenkinsfile>

- Dockerfile con el que se creo el contenedor/imagen jenkins:

<https://github.com/montolla/byMontolla/blob/main/jenkins/Dockerfile>

















File Edit View Repository Branch Help

Current repository byMontolla Current branch main Fetch origin Last fetched 14 minutes ago

Changes History

No branches to compare

Create procedimientos.docx  
Daniel Alexander Montoya Herrera • 14 h...

refactor  
Daniel Alexander Montoya Herrera • 1 h...

clean up v2  
Daniel Alexander Montoya Herrera • 2 h...

clean-up  
Daniel Alexander Montoya Herrera • 2 h...

Update Jenkinsfile  
Daniel Alexander Montoya Herrera • 3 h...

Create Jenkinsfile  
Daniel Alexander Montoya Herrera • 3 h...

Create Dockerfile  
Daniel Alexander Montoya Herrera • 4 h...

initial commit  
Daniel Alexander Montoya Herrera • 6 h...

Initial commit  
Daniel Alexander Montoya Herrera • 6 h...

Update Jenkinsfile

Jenkinsfile

```

@@ -1,5 +1,5 @@
1 1 pipeline {
2 - agent { label 'linux' }
2 + agent { label 'principal' }
3 3 options {
4 4     buildDiscarder(logRotator(numToKeepStr: '5'))
5 5 }

```

```

1 FROM jenkins/jenkins:lts-jdk11
2 USER root
3 RUN apt-get update
4 RUN apt-get install -y nano sudo ca-certificates curl gnupg lsb-release
5 RUN lsb_release -a
6 RUN mkdir -p /etc/apt/keyrings
7 RUN curl -fsSL https://download.docker.com/linux/debian/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
8 RUN echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/debian $(lsb_release -cs) sta
9 RUN apt-get update
10 RUN apt-get install -y docker-ce docker-ce-cli containerd.io docker-compose-plugin
11 RUN docker --version
12
13
14 #
15 # docker volume create jenkins
16 # docker run --privileged -d -p 50000:50000 -p 8080:8080 -v //var/run/docker.sock:/var/run/docker.sock -v jenkins:/var/jenkins_home jenkins/jenkins:lts-
17
18
19
20 # https://docs.docker.com/engine/install/debian/

```

```
1 pipeline {
2   agent { label 'principal' }
3   options {
4     buildDiscarder(logRotator(numToKeepStr: '5'))
5   }
6   environment {
7     DOCKERHUB_CREDENTIALS = credentials('dockerhub')
8   }
9   stages {
10    stage('Build') {
11      steps {
12        sh 'docker build -t montolla/by-montolla:latest .'
13      }
14    }
15    stage('Login') {
16      steps {
17        sh 'echo $DOCKERHUB_CREDENTIALS_PSW | docker login -u $DOCKERHUB_CREDENTIALS_USR --password-stdin'
18      }
19    }
20    stage('Push') {
21      steps {
22        sh 'docker push montolla/by-montolla:latest'
23      }
24    }
25  }
26  post {
27    always {
28      sh 'docker logout'
29    }
30  }
31 }
```

```
1 FROM php:5.6-cli
2 COPY ./index.html:/var/www/html/index.html
3 COPY ./index.html:/var/www/index.html
4 RUN apt-get update && apt-get install -y libmemcached-dev zlib1g-dev \
5     && pecl install memcached-2.2.0 \
6     && docker-php-ext-enable memcached
```

