A drawing of a face

Description automatically generated

**FINTECH**

**Unità Formativa (UF): Linux Server**

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**Titolo argomento: Docker**

Aggiorniamo i repositories:

sudo apt update -y

Installiamo le dipendenze necessarie:

sudo apt install apt-transport-https software-properties-common ca-certificates curl gnupg lsb-release -y

Aggiungiamo il repository di Docker:

sudo curl -fsSL https://download.docker.com/linux/debian/gpg | sudo apt-key add -

sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/debian $(lsb\_release -cs) stable"

Aggiorniamo nuovamente I repository:

sudo apt update -y

Installiamo docker:  
  
sudo apt install docker-ce docker-ce-cli -y

Versione di docker:

docker version

Comandi docker:  
  
systemctl start docker

systemctl restart docker

systemctl stop docker

systemctl enable docker

systemctl status docker

Far girare un’immagine di Debian:

docker run --rm -it --name test debian:latest /bin/sh

exit per uscire

**Installiamo docker-compose:**

sudo curl -L https://github.com/docker/compose/releases/download/v2.0.1/docker-compose-linux-x86\_64 -o /usr/local/bin/docker-compose

Diamo i permessi e spostiamo tra I files binary:

sudo chmod +x /usr/local/bin/docker-compose

docker-compose version

Comandi di docker-compose

docker-compose up -d

docker-compose down

docker-compose pause

docker-compose unpause

docker-compose ps

docker-compose log

Creiamo un docker compose contente:

version: '3.3'

services:

db:

image: mysql:5.7

volumes:

- db\_data:/var/lib/mysql

restart: always

environment:

MYSQL\_ROOT\_PASSWORD: somewordpress

MYSQL\_DATABASE: wordpress

MYSQL\_USER: wordpress

MYSQL\_PASSWORD: wordpress

wordpress:

depends\_on:

- db

image: wordpress:latest

ports:

- "8000:80"

restart: always

environment:

WORDPRESS\_DB\_HOST: db:3306

WORDPRESS\_DB\_USER: wordpress

WORDPRESS\_DB\_PASSWORD: wordpress

volumes:

db\_data: