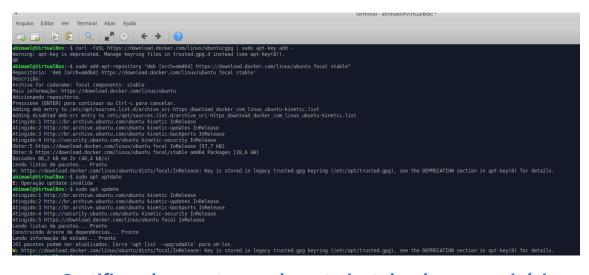# Instalando o Docker no Xubuntu

- ## Atualizando os arquivos do Xubuntu

```
Arquivo  Editar  Ver  Terminal  Abas  Ajuda
abimael@VirtualBox:~$ sudo update
sudo: update: comando não encontrado
abimael@VirtualBox:~$ sudo apt update
Atingido:1 http://br.archive.ubuntu.com/ubuntu kinetic InRelease
Obter:2 http://br.archive.ubuntu.com/ubuntu kinetic-updates InRelease [118 kB]
Obter:3 http://security.ubuntu.com/ubuntu kinetic-security InRelease [109 kB]
Obter:4 http://br.archive.ubuntu.com/ubuntu kinetic-backports InRelease [99,9 kB]
Obter:5 http://br.archive.ubuntu.com/ubuntu kinetic-updates/main amd64 Packages [297 kB]
Obter:6 http://br.archive.ubuntu.com/ubuntu kinetic-updates/main i386 Packages [181 kB]
Obter:7 http://br.archive.ubuntu.com/ubuntu kinetic-updates/main Translation-en [92,9 kB]
Obter:8 http://br.archive.ubuntu.com/ubuntu kinetic-updates/main amd64 DEP-11 Metadata [85,8 kB]
Obter:9 http://br.archive.ubuntu.com/ubuntu kinetic-updates/main DEP-11 48x48 Icons [18,5 kB]
Obter:10 http://br.archive.ubuntu.com/ubuntu kinetic-updates/main DEP-11 64x64 Icons [27,7 kB]
Obter:11 http://br.archive.ubuntu.com/ubuntu kinetic-updates/main amd64 c-n-f Metadata [9.160 B]
Obter:12 http://br.archive.ubuntu.com/ubuntu kinetic-updates/restricted amd64 Packages [134 kB]
Obter:13 http://br.archive.ubuntu.com/ubuntu kinetic-updates/restricted i386 Packages [26,7 kB]
Obter:14 http://br.archive.ubuntu.com/ubuntu kinetic-updates/restricted Translation-en [20,5 kB]
Obter:15 http://br.archive.ubuntu.com/ubuntu kinetic-updates/restricted amd64 c-n-f Metadata [552 B]
Obter:16 http://br.archive.ubuntu.com/ubuntu kinetic-updates/universe amd64 Packages [279 kB]
Obter:17 http://br.archive.ubuntu.com/ubuntu kinetic-updates/universe i386 Packages [143 kB]
Obter:18 http://br.archive.ubuntu.com/ubuntu kinetic-updates/universe Translation-en [108 kB]
Obter:19 http://br.archive.ubuntu.com/ubuntu kinetic-updates/universe amd64 DEP-11 Metadata [41,3 kB]
Obter:20 http://br.archive.ubuntu.com/ubuntu kinetic-updates/universe amd64 c-n-f Metadata [9.464 B]
Obter:21 http://br.archive.ubuntu.com/ubuntu kinetic-updates/multiverse amd64 Packages [6.620 B]
Obter:22 http://br.archive.ubuntu.com/ubuntu kinetic-updates/multiverse Translation-en [2.056 B]
Obter:23 http://br.archive.ubuntu.com/ubuntu kinetic-updates/multiverse amd64 DEP-11 Metadata [212 B]
Obter:24 http://br.archive.ubuntu.com/ubuntu kinetic-updates/multiverse amd64 c-n-f Metadata [348 B]
Obter:25 http://br.archive.ubuntu.com/ubuntu kinetic-backports/universe amd64 DEP-11 Metadata [10,5 kB]
Obter:26 http://security.ubuntu.com/ubuntu kinetic-security/main amd64 Packages [179 kB]
Obter:27 http://security.ubuntu.com/ubuntu kinetic-security/main i386 Packages [104 kB]
Obter:28 http://security.ubuntu.com/ubuntu kinetic-security/main Translation-en [60,2 kB]
Obter:29 http://security.ubuntu.com/ubuntu kinetic-security/main amd64 DEP-11 Metadata [30,1 kB]
Obter:30 http://security.ubuntu.com/ubuntu kinetic-security/main amd64 c-n-f Metadata [6.544 B]
Obter:31 http://security.ubuntu.com/ubuntu kinetic-security/restricted i386 Packages [26,7 kB]
Obter:32 http://security.ubuntu.com/ubuntu kinetic-security/restricted amd64 Packages [134 kB]
Obter:33 http://security.ubuntu.com/ubuntu kinetic-security/restricted Translation-en [20,3 kB]
Obter:34 http://security.ubuntu.com/ubuntu kinetic-security/restricted amd64 c-n-f Metadata [552 B]
Obter:35 http://security.ubuntu.com/ubuntu kinetic-security/universe amd64 Packages [168 kB]
Obter:36 http://security.ubuntu.com/ubuntu kinetic-security/universe i386 Packages [101 kB]
Obter:37 http://security.ubuntu.com/ubuntu kinetic-security/universe Translation-en [73,1 kB]
Obter:38 http://security.ubuntu.com/ubuntu kinetic-security/universe amd64 DEP-11 Metadata [7.836 B]
Obter:39 http://security.ubuntu.com/ubuntu kinetic-security/universe amd64 c-n-f Metadata [7.272 B]
Obter:40 http://security.ubuntu.com/ubuntu kinetic-security/multiverse amd64 Packages [5.984 B]
Obter:41 http://security.ubuntu.com/ubuntu kinetic-security/multiverse Translation-en [1.672 B]
Obter:42 http://security.ubuntu.com/ubuntu kinetic-security/multiverse amd64 c-n-f Metadata [320 B]
Baixados 2.746 kB em 3s (791 kB/s)
```

- **Instalando pacotes para permitir o apt usar pacotes HTTPS.**

- **Adicionado uma chave GPG, adicionado o repositório Docker às fontes do APT, atualizando o banco de dados.**

```
abimael@VirtualBox:~$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -
Warning: apt-key is deprecated. Manage keyring files in trusted.gpg.d instead (see apt-key(8)).
OK
abimael@VirtualBox:~$ sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu focal stable"
Repositório: 'deb [arch=amd64] https://download.docker.com/linux/ubuntu focal stable'
Descrição:
Archive for codename: focal components: stable
Mais informação: https://download.docker.com/linux/ubuntu
Adicionando repositório.
Pressione [ENTER] para continuar ou Ctrl-c para cancelar.
Adding deb entry to /etc/apt/sources.list.d/archive_uri-https_download_docker_com_linux_ubuntu-kinetic.list
Adding disabled deb-src entry to /etc/apt/sources.list.d/archive_uri-https_download_docker_com_linux_ubuntu-kinetic.list
Atingido:1 http://br.archive.ubuntu.com/ubuntu kinetic InRelease
Atingido:2 http://br.archive.ubuntu.com/ubuntu kinetic-updates InRelease
Atingido:3 http://br.archive.ubuntu.com/ubuntu kinetic-backports InRelease
Atingido:4 http://security.ubuntu.com/ubuntu kinetic-security InRelease
Obter:5 https://download.docker.com/linux/ubuntu focal InRelease [57,7 kB]
Obter:6 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages [28,6 kB]
Baixados 86,2 kB em 2s (46,4 kB/s)
Lendo listas de pacotes... Pronto
W: https://download.docker.com/linux/ubuntu/dists/focal/InRelease: Key is stored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.
abimael@VirtualBox:~$ sudo apt uptdate
E: Operação uptdate inválida
abimael@VirtualBox:~$ sudo apt update
Atingido:1 http://br.archive.ubuntu.com/ubuntu kinetic InRelease
Atingido:2 http://br.archive.ubuntu.com/ubuntu kinetic-updates InRelease
Atingido:3 http://br.archive.ubuntu.com/ubuntu kinetic-backports InRelease
Atingido:4 http://security.ubuntu.com/ubuntu kinetic-security InRelease
Atingido:5 https://download.docker.com/linux/ubuntu focal InRelease
Lendo listas de pacotes... Pronto
Construindo árvore de dependências... Pronto
Lendo informação de estado... Pronto
161 pacotes podem ser atualizados. Corra 'apt list --upgradable' para vê-los.
W: https://download.docker.com/linux/ubuntu/dists/focal/InRelease: Key is stored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.
```

- **Certificando se estou realmente instalando o repositório Docker e não o repositório padrão do Ubuntu.**


```
abimael@VirtualBox:~$ apt-cache policy docker-ce
docker-ce:
  Instalado: (nenhum)
  Candidato: 5:23.0.6-1~ubuntu.20.04~focal
  Tabela de versão:
     5:23.0.6-1~ubuntu.20.04~focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:23.0.5-1~ubuntu.20.04~focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:23.0.4-1~ubuntu.20.04~focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:23.0.3-1~ubuntu.20.04~focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:23.0.2-1~ubuntu.20.04~focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:23.0.1-1~ubuntu.20.04~focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:23.0.0-1~ubuntu.20.04~focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.24~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.23~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.22~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.21~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.20~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.19~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.18~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.17~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.16~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.15~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.14~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.13~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.12~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.11~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.10~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.9~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.8~3-0~ubuntu-focal 500
        500 https://download.docker.com/linux/ubuntu focal/stable amd64 Packages
     5:20.10.7~3-0~ubuntu-focal 500
```

• Ativando o Docker

```
● docker.service - Docker Application Container Engine
     Loaded: loaded (/lib/systemd/system/docker.service; enabled; preset: enabled)
     Active: active (running) since Mon 2023-05-08 21:07:58 -03; 1min 27s ago
TriggeredBy: ● docker.socket
       Docs: https://docs.docker.com
   Main PID: 9342 (dockerd)
      Tasks: 7
     Memory: 65.8M
        CPU: 1.301s
     CGroup: /system.slice/docker.service
             └─9342 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

mai 08 21:07:39 VirtualBox systemd[1]: Starting Docker Application Container Engine...
mai 08 21:07:45 VirtualBox dockerd[9342]: time="2023-05-08T21:07:45.539055261-03:00" level=info msg="Starting up"
mai 08 21:07:45 VirtualBox dockerd[9342]: time="2023-05-08T21:07:45.549641778-03:00" level=info msg="detected 127.0.0.53 nameserver, assuming systemd-resolved, so using resolv.conf: /run/systemd/resolve/resolv.conf"
mai 08 21:07:47 VirtualBox dockerd[9342]: time="2023-05-08T21:07:47.667670433-03:00" level=info msg="Loading containers: start."
mai 08 21:07:51 VirtualBox dockerd[9342]: time="2023-05-08T21:07:51.344540465-03:00" level=info msg="Loading containers: done."
mai 08 21:07:57 VirtualBox dockerd[9342]: time="2023-05-08T21:07:57.607329048-03:00" level=info msg="Docker daemon" commit=9dbdbd4 graphdriver=overlay2 version=23.0.6
mai 08 21:07:57 VirtualBox dockerd[9342]: time="2023-05-08T21:07:57.612062055-03:00" level=info msg="Daemon has completed initialization"
mai 08 21:07:58 VirtualBox systemd[1]: Started Docker Application Container Engine.
mai 08 21:07:58 VirtualBox dockerd[9342]: time="2023-05-08T21:07:58.111699235-03:00" level=info msg="API listen on /run/docker.sock"
~
~
```