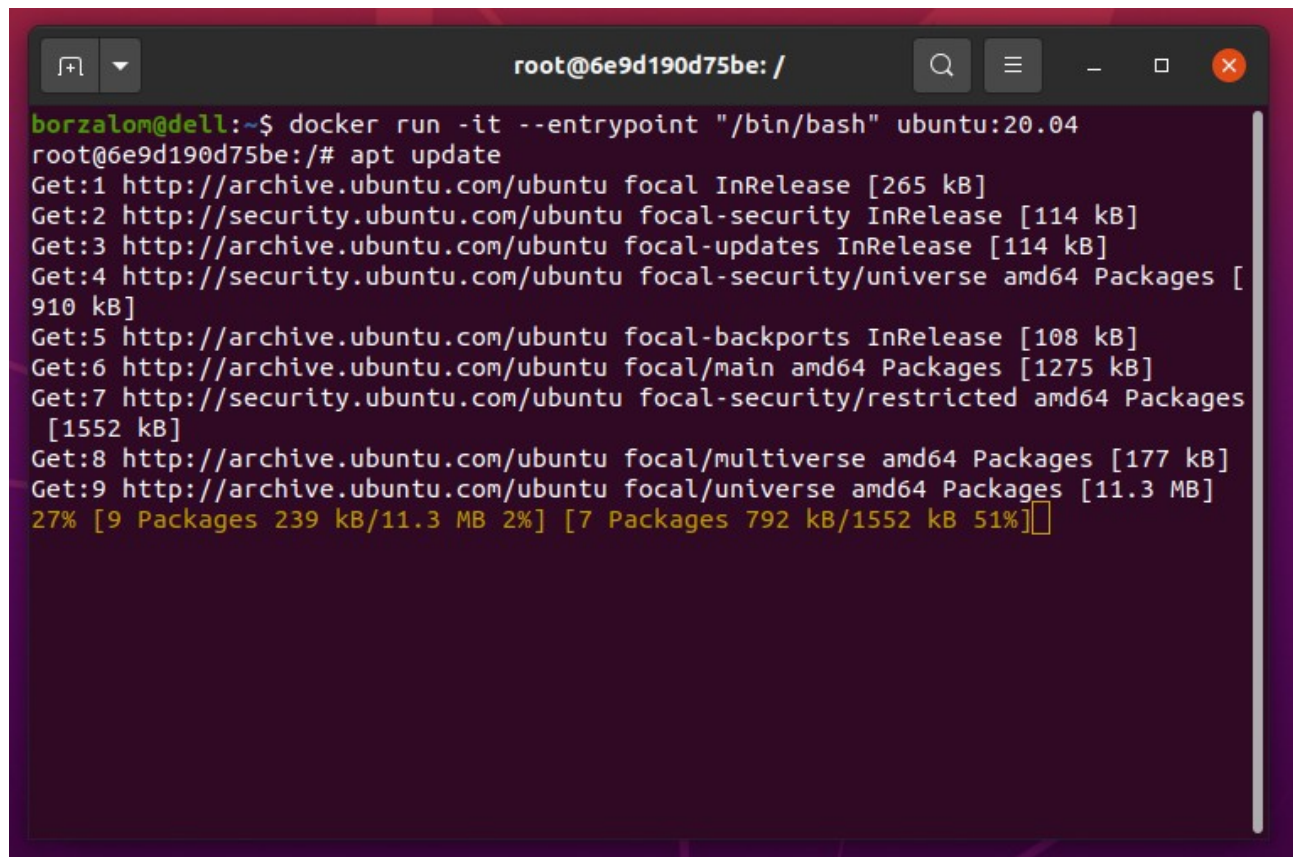


```
docker run -it --entrypoint "/bin/bash" ubuntu:20.04
```

```
apt-update
```

A terminal window titled 'root@6e9d190d75be: /' with standard window controls. The terminal shows the execution of 'apt update' inside a Docker container. The output lists various Ubuntu repositories and the progress of downloading their package lists. The progress bar at the bottom shows 27% completion for the first set of packages and 51% for the second set.

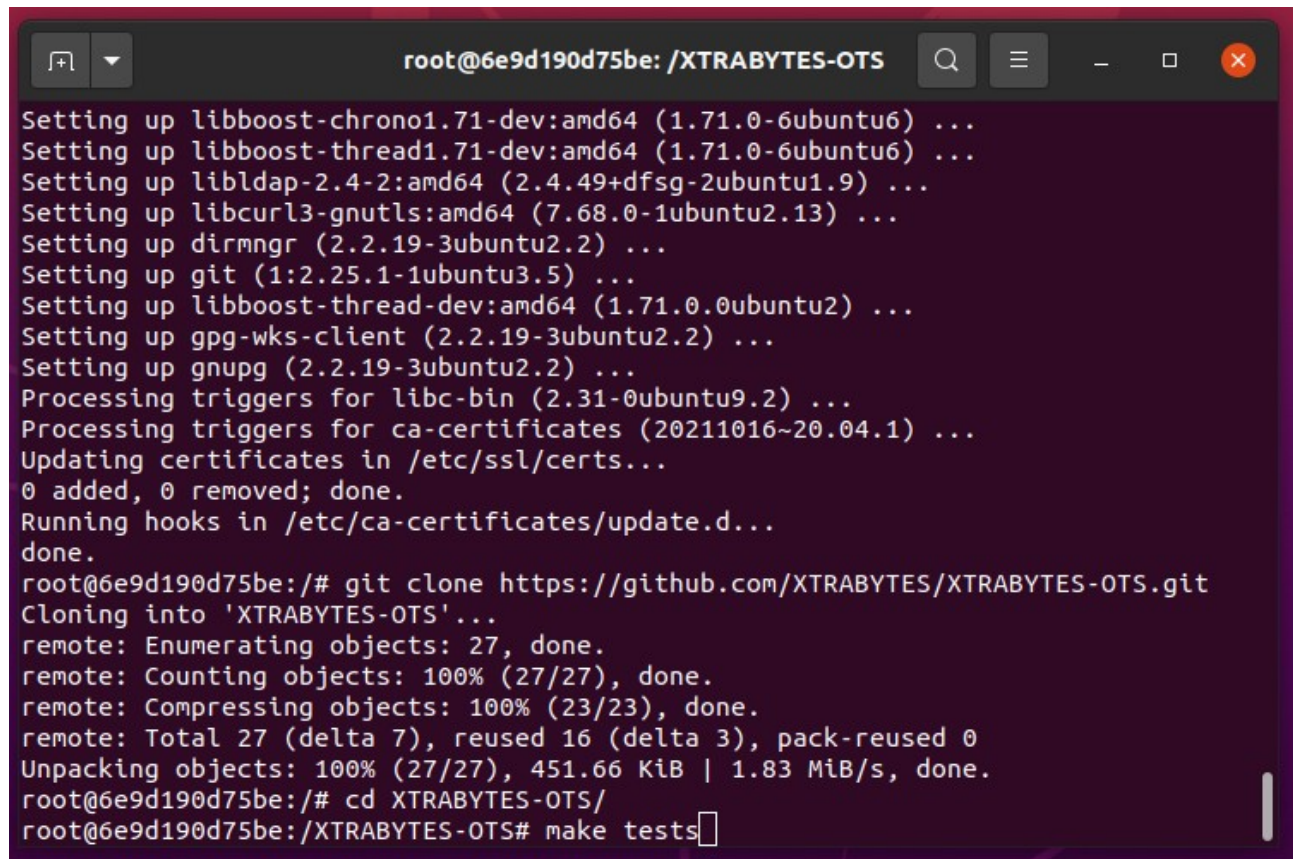
```
borzalom@dell:~$ docker run -it --entrypoint "/bin/bash" ubuntu:20.04
root@6e9d190d75be:/# apt update
Get:1 http://archive.ubuntu.com/ubuntu focal InRelease [265 kB]
Get:2 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:4 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [
910 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:6 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [1275 kB]
Get:7 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages
[1552 kB]
Get:8 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [177 kB]
Get:9 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [11.3 MB]
27% [9 Packages 239 kB/11.3 MB 2%] [7 Packages 792 kB/1552 kB 51%]
```

apt-get install -y git libssl-dev libboost-thread-dev libpoco-dev libgtest-dev build-essential

git clone <https://github.com/XTRABYTES/XTRABYTES-OTS.git>

cd XTRABYTES-OTS/

make tests

A terminal window with a dark purple background and white text. The window title is 'root@6e9d190d75be: /XTRABYTES-OTS'. The terminal output shows the installation of various development libraries and tools using 'apt-get install'. After the installation, the user clones the 'XTRABYTES-OTS' repository from GitHub. The output shows the cloning process, including enumerating, counting, and compressing objects, and finally unpacking them. The terminal ends with the user navigating into the 'XTRABYTES-OTS' directory and running 'make tests'.

```
root@6e9d190d75be: /XTRABYTES-OTS
Setting up libboost-chrono1.71-dev:amd64 (1.71.0-6ubuntu6) ...
Setting up libboost-thread1.71-dev:amd64 (1.71.0-6ubuntu6) ...
Setting up libldap-2.4-2:amd64 (2.4.49+dfsg-2ubuntu1.9) ...
Setting up libcurl3-gnutls:amd64 (7.68.0-1ubuntu2.13) ...
Setting up dirmngr (2.2.19-3ubuntu2.2) ...
Setting up git (1:2.25.1-1ubuntu3.5) ...
Setting up libboost-thread-dev:amd64 (1.71.0.0ubuntu2) ...
Setting up gpg-wks-client (2.2.19-3ubuntu2.2) ...
Setting up gnupg (2.2.19-3ubuntu2.2) ...
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
Processing triggers for ca-certificates (20211016~20.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
root@6e9d190d75be:/# git clone https://github.com/XTRABYTES/XTRABYTES-OTS.git
Cloning into 'XTRABYTES-OTS'...
remote: Enumerating objects: 27, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (23/23), done.
remote: Total 27 (delta 7), reused 16 (delta 3), pack-reused 0
Unpacking objects: 100% (27/27), 451.66 KiB | 1.83 MiB/s, done.
root@6e9d190d75be:/# cd XTRABYTES-OTS/
root@6e9d190d75be:/XTRABYTES-OTS# make tests
```

./build/test-xots

```
root@6e9d190d75be: /XTRABYTES-OTS
g++ -pthread -Wall -Wextra -Wno-ignored-qualifiers -Wformat -Wformat-security -Wno-unused-parameter -g -std=c++17 -I/XTRABYTES-OTS -I/XTRABYTES-OTS/build -I/XTRABYTES-OTS/includes -I/usr/local/include -DHAVE_BUILD_INFO -o build/test-xots build/utls.o build/filesystem.o build/xkeys.o build/tests/utls.o build/tests/xkeys.o build/tests/test-xots.o -g -Wl,-Bdynamic -L /usr/local/lib -l gtest -l pthread -l ssl -l dl -l PocoFoundation -l PocoUtil -l crypto
root@6e9d190d75be:/XTRABYTES-OTS# ./build/test-xots
[=====] Running 15 tests from 3 test suites.
[-----] Global test environment set-up.
[-----] 3 tests from Utlis
[ RUN    ] Utlis.computeHash
[ OK     ] Utlis.computeHash (3 ms)
[ RUN    ] Utlis.uint256Hash
[ OK     ] Utlis.uint256Hash (0 ms)
[ RUN    ] Utlis.uint256Insert
[ OK     ] Utlis.uint256Insert (0 ms)
[-----] 3 tests from Utlis (3 ms total)

[-----] 8 tests from CXKeys
[ RUN    ] CXKeys.MakeNewKeys
[ OK     ] CXKeys.MakeNewKeys (304 ms)
[ RUN    ] CXKeys.Reset
[ OK     ] CXKeys.Reset (288 ms)
[ RUN    ] CXKeys.SetKeys
[ OK     ] CXKeys.SetKeys (558 ms)
[ RUN    ] CXKeys.SaveKeys
[ OK     ] CXKeys.SaveKeys (348 ms)
[ RUN    ] CXKeys.SavePubkey
[ OK     ] CXKeys.SavePubkey (267 ms)
[ RUN    ] CXKeys.GetPubkey
[ OK     ] CXKeys.GetPubkey (306 ms)
[ RUN    ] CXKeys.LoadKeys
[ OK     ] CXKeys.LoadKeys (890 ms)
[ RUN    ] CXKeys.SignMsgHash
[ OK     ] CXKeys.SignMsgHash (287 ms)
[-----] 8 tests from CXKeys (3248 ms total)

[-----] 4 tests from CXPubKeys
[ RUN    ] CXPubKeys.SetPubkey
[ OK     ] CXPubKeys.SetPubkey (0 ms)
[ RUN    ] CXPubKeys.Reset
[ OK     ] CXPubKeys.Reset (0 ms)
[ RUN    ] CXPubKeys.SetMessageHash
[ OK     ] CXPubKeys.SetMessageHash (0 ms)
[ RUN    ] CXPubKeys.SignatureIsValid
[ OK     ] CXPubKeys.SignatureIsValid (2 ms)
[-----] 4 tests from CXPubKeys (2 ms total)

[-----] Global test environment tear-down
[=====] 15 tests from 3 test suites ran. (3253 ms total)
[ PASSED ] 15 tests.
root@6e9d190d75be:/XTRABYTES-OTS#
```