```
khdjebbar93@instance-1:~$ git clone https://github.com/jluuM2/partageable_Linux.git
Cloning into 'partageable_Linux'...
remote: Enumerating objects: 31, done.
remote: Counting objects: 100% (31/31), done.
remote: Compressing objects: 100% (23/23), done.
remote: Total 31 (delta 7), reused 30 (delta 6), pack-reused 0
Unpacking objects: 100% (31/31), done.
khdjebbar93@instance-1:~$
```

```
khdjebbar93@instance-1:~/partageable_Linux$ make -f Makefile
cd main && make install
make[1]: Entering directory '/home/khdjebbar93/partageable_Linux/main'
mkdir ../bin
for component in Composant1 Composant2; do \
        cd ../$component; \
        make install;  \
done
make[2]: Entering directory '/home/khdjebbar93/partageable_Linux/Composant1'
mkdir -p ../lib
g++ -fPIC -I../interfaces -c Composant1.cpp -o Composant1.o
gcc -o libComposant1.so -shared  Composant1.o
cp libComposant1.so ../lib/libComposant1.so
make[2]: Leaving directory '/home/khdjebbar93/partageable_Linux/Composant1'
make[2]: Entering directory '/home/khdjebbar93/partageable_Linux/Composant2'
g++ -fPIC -I../interfaces -c Composant2.cpp -o Composant2.o
gcc -o libComposant2.so -shared  Composant2.o
cp libComposant2.so ../lib/libComposant2.so
make[2]: Leaving directory '/home/khdjebbar93/partageable_Linux/Composant2'
g++ -fPIC -I../interfaces -c main.cpp -o main.o
g++ main.o -L ../lib -lComposant1 -lComposant2 -o main
cp main ../bin; \
cp ../lib/libComposant1.so ../lib/libComposant2.so ../bin
make[1]: Leaving directory '/home/khdjebbar93/partageable_Linux/main'
cd bin; \
LD_LIBRARY_PATH=. ./main
Composant 1 version 1.2.2.0
valeur 1 :8 valeur 2 :15
khdjebbar93@instance-1:~/partageable_Linux$ ls
Composant1  Composant2  Makefile  bin  gcc.mk  interfaces  lib  main
khdjebbar93@instance-1:~/partageable_Linux$ cd bin
khdjebbar93@instance-1:~/partageable_Linux/bin$ ls
libComposant1.so  libComposant2.so  main
khdjebbar93@instance-1:~/partageable_Linux/bin$ ls -l
total 32
-rwxrwxr-x 1 khdjebbar93 khdjebbar93  7752 Mar 12 13:36 libComposant1.so
-rwxrwxr-x 1 khdjebbar93 khdjebbar93  7456 Mar 12 13:36 libComposant2.so
-rwxrwxr-x 1 khdjebbar93 khdjebbar93 13200 Mar 12 13:36 main
khdjebbar93@instance-1:~/partageable_Linux/bin$
```

```
khdjebbar93@instance-1:~/partageable_Linux/bin$ objdump -T main

main:     file format elf64-x86-64

DYNAMIC SYMBOL TABLE:
0000000000000000  w   DF *UND*  0000000000000000  GLIBC_2.2.5 __cxa_finalize
0000000000000000      DF *UND*  0000000000000000  GLIBCXX_3.4 _ZSt4endlIcSt11char_traitsIcEERSt13basic_ostreamIT
_T0_ES6_
0000000000000000      DF *UND*  0000000000000000              _Z10composant2ii
0000000000000000      DF *UND*  0000000000000000              _Z10composant1ii
0000000000000000      DF *UND*  0000000000000000              _Z20getComposant1Versionv
0000000000000000      DF *UND*  0000000000000000  GLIBC_2.2.5 __cxa_atexit
0000000000000000      DF *UND*  0000000000000000  GLIBCXX_3.4 _ZSt1sISt11char_traitsIcEERSt13basic_ostreamIcT_ES
5_PKc
0000000000000000      DF *UND*  0000000000000000  GLIBCXX_3.4 _ZNSo1sEPFRSoS_E
0000000000000000      DO *UND*  0000000000000000  GLIBCXX_3.4 _ZSt4cout
0000000000000000      DF *UND*  0000000000000000  GLIBCXX_3.4 _ZNSt8ios_base4InitC1Ev
0000000000000000      DF *UND*  0000000000000000  GLIBCXX_3.4 _ZNSo1sEi
0000000000000000  w   D  *UND*  0000000000000000              _ITM_deregisterTMCloneTable
0000000000000000      DF *UND*  0000000000000000  GLIBC_2.2.5 __libc_start_main
0000000000000000  w   D  *UND*  0000000000000000              __gmon_start__
0000000000000000  w   D  *UND*  0000000000000000              _ITM_registerTMCloneTable
0000000000000000      DF *UND*  0000000000000000  GLIBCXX_3.4 _ZNSt8ios_base4InitD1Ev
0000000000202010 g    D  .data  0000000000000000  Base        _edata
0000000000202018 g    D  .bss   0000000000000000  Base        _end
0000000000000920 g    DF .init  0000000000000000  Base        _init
0000000000202010 g    D  .bss   0000000000000000  Base        __bss_start
0000000000000c94 g    DF .fini  0000000000000000  Base        _fini
```

```
khdjebbar93@instance-1:~/partageable_Linux/bin$ objdump -T libComposant1.so

libComposant1.so:     file format elf64-x86-64

DYNAMIC SYMBOL TABLE:
0000000000000000  w   D  *UND*  0000000000000000 __cxa_finalize
0000000000000000  w   D  *UND*  0000000000000000 _ITM_registerTMCloneTable
0000000000000000  w   D  *UND*  0000000000000000 _ITM_deregisterTMCloneTable
0000000000000000  w   D  *UND*  0000000000000000 __gmon_start__
000000000000064d  g   DF .text  000000000000000d _Z20getComposant1Versionv
0000000000201028  g   D  .data  0000000000000000 _edata
0000000000201030  g   D  .bss   0000000000000000 _end
00000000000004f0  g   DF .init  0000000000000000 _init
0000000000201028  g   D  .bss   0000000000000000 __bss_start
000000000000065c  g   DF .fini  0000000000000000 _fini
0000000000000639  g   DF .text  0000000000000014 _Z16addition_interneii
000000000000061a  g   DF .text  000000000000001f _Z10composant1ii
```