

Output

```
nik@Nicolas-MacBook-Air:~/GitHub/cpp_sandbox/multithreading/thread_spawn$ ./a.out 0
id # = 0 - Functional object - I am a thread with ID = 0x10051d000 custom msg = Hi
id # = 1 - Functional object - I am a thread with ID = 0x1005a0000 custom msg =
Salut
id # = 3 - Functional object - I am a thread with ID = 0x1006a6000 custom msg = Hola
id # = 2 - Functional object - I am a thread with ID = 0x100623000 custom msg = Ciao
```

for more details about mutexs
see: <http://en.cppreference.com/w/cpp/thread>

High level Interface

(not all APIs will be discussed)