

language c++

le c++ non-objet
(partie 1)

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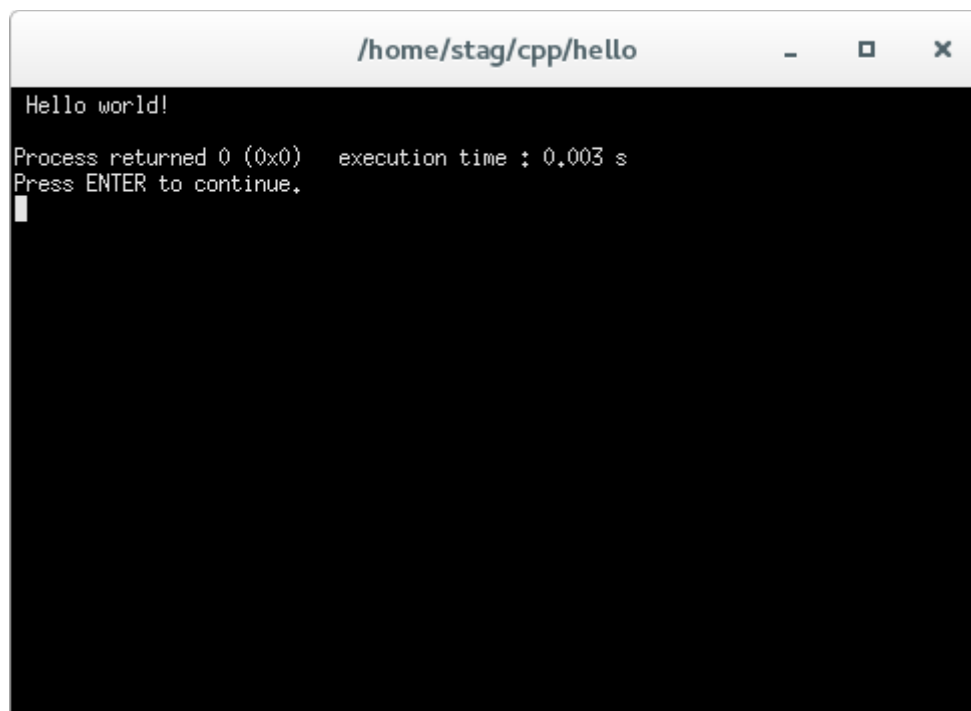
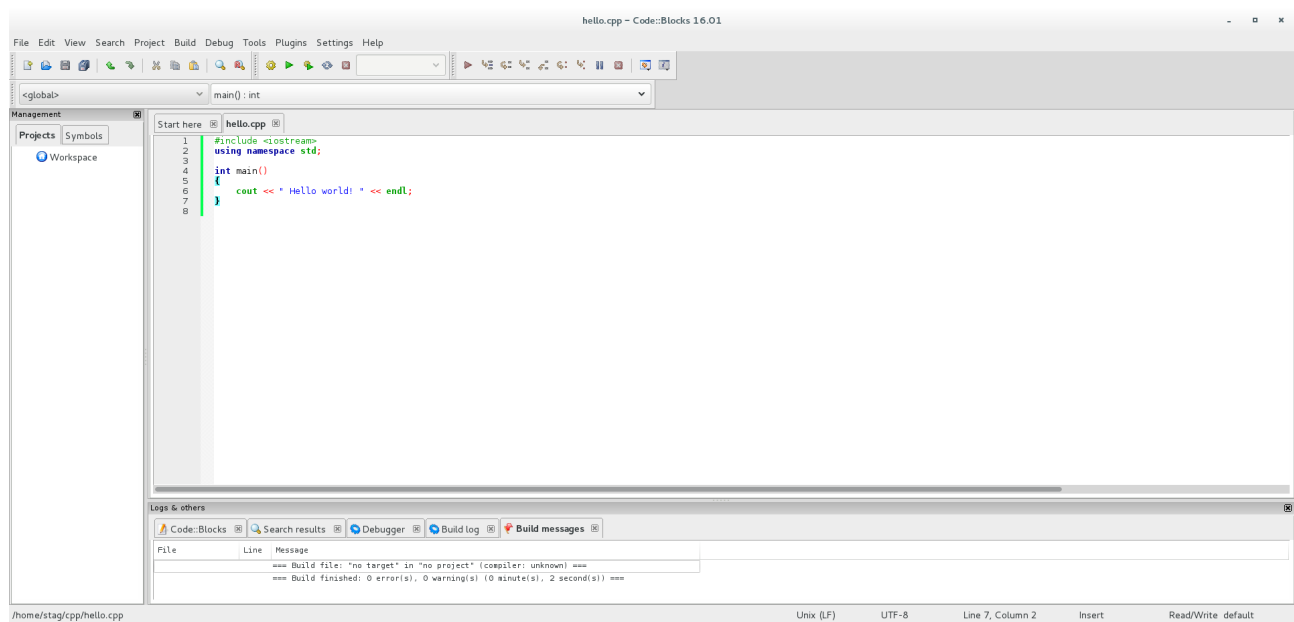
Exercice 1 : Hello World

a moins que vous ne l'ayez fait au moment de la lecture du cours. compilez

- sous la console linux

```
stag@formation-ldnr 10:03 ~/cpp$ g++ hello.cpp
stag@formation-ldnr 10:03 ~/cpp$ ./a.out
Hello world!
stag@formation-ldnr 10:03 ~/cpp$
```

- puis sous codeblocks



Exercice 2 : Hello World

Ex 1 :

```
stag@formation-ldnr 10:18 ~/cpp/cpp$ g++ ex1.cpp
ex1.cpp:1:23: fatal error: iostream : Aucun fichier ou
dossier de ce type
#include <iostream >
                        ^
compilation terminated.
```

Ici, c'est l'espace à la fin de iostream qui gêne.

Ex 2 :

```
stag@formation-ldnr 10:18 ~/cpp/cpp$ g++ ex2.cpp
ex2.cpp: In function 'int main()':
ex2.cpp:5:5: error: 'cout' was not declared in this scope
    cout < " Hello world! " << endl;
    ^

ex2.cpp:5:5: note: suggested alternative:
In file included from ex2.cpp:1:0:
/usr/include/c++/4.9/iostream:61:18: note:   'std::cout'
    extern ostream cout;   /// Linked to standard output
                        ^

ex2.cpp:5:32: error: 'endl' was not declared in this scope
    cout < " Hello world! " << endl;
                        ^

ex2.cpp:5:32: note: suggested alternative:
In file included from /usr/include/c++/4.9/iostream:39:0,
                  from ex2.cpp:1:
/usr/include/c++/4.9/ostream:564:5: note:   'std::endl'
    endl(basic_ostream<_CharT, _Traits>& __os)
    ^
```

ici, il manque *using namespace std;* ainsi qu'un chevron au cout

Ex 3 :

```
stag@formation-ldnr 10:18 ~/cpp/cpp$ g++ ex3.cpp
ex3.cpp:1:24: fatal error: iostream.h: Aucun fichier ou
dossier de ce type
#include <iostream.h>
                ^
compilation terminated.
```

Le compilateur ne reconnaît pas la bibliothèque `<iostream.h>`, il aurait fallu écrire `<iostream>`