

Forum:[Hack Forums](#)

Thread: [\[Mint\] Help with compiling C++](#)

Paul Wilson - August 29, 2015, 10:42 pm

Hi guys

I installed mint today, and I made a hello world program in c++. I would like to compile it.

I installed all of the things (build essential, g++, etc...) and when I try to compile it it gives me various errors:

Here is the code I would like to compile:

```
Code #include <iostream>
using namespace std;
```

```
int main() {
    cout << "Hello world";
    return 0;
}
```

It is saved as helloworld.cpp, and I am compiling it with this command: gcc helloworld.cpp -o helloworld

And I get this error:

```
Code /tmp/ccssFjje.o: In function `main':
helloworld.cpp:(.text+0x14): undefined reference to `std::cout'
helloworld.cpp:(.text+0x19): undefined reference to `std::basic_ostream<char,
std::char_traits<char> >& std::operator<< <std::char_traits<char> >(std::basic_ostream<char,
std::char_traits<char> >&, char const*)'
/tmp/ccssFjje.o: In function `__static_initialization_and_destruction_0(int, int)':
helloworld.cpp:(.text+0x41): undefined reference to `std::ios_base::Init::Init()'
helloworld.cpp:(.text+0x58): undefined reference to `std::ios_base::Init::~Init()'
collect2: error: ld returned 1 exit status
Could someone help me solve this issue? Thanks
```

scam. - August 29, 2015, 10:50 pm

Use g++ to compile c++. There is no errors in that code, although there is no point having 'int integer;' but I assume that was left over from something you were doing before.

Paul Wilson - August 29, 2015, 10:55 pm

(Aug 29, 2015 10:50 PM)Mael Wrote: [\[CITE\]](#) Use g++ to compile c++. There is no errors in that code, although there is no point having 'int integer;' but I assume that was left over from something you were doing before.

Ah, so g++ is for c++ and gcc is for c? I assume it is because this worked, I feel so stupid now lol, thanks for helping me for the second time ?

scam. - August 29, 2015, 10:58 pm

(Aug 29, 2015 10:55 PM)MishaTheHoovy Wrote: [\[CITE\]](#) Ah, so g++ is for c++ and gcc is for c? I assume it is because this worked, I feel so stupid now lol, thanks for helping me for the second time ?

No problem my man. I just like activity in this section.