

INTRODUCTION

Compilers, IDEs, Hello World

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Name	OS	License	C++11	C++14	C++17
Intel	Linux, OS X	Proprietary	Partial	Partial	No
MS Visual C++	Most	Proprietary	Yes	Partial	Partial
Clang	All	MIT/BSD	Yes	Yes	Partial
GCC	All ¹	GPLv3	Yes	Yes	Partial

https://en.wikipedia.org/wiki/List_of_compilers#C.2B.2B_compilers

¹Using external software for Windows

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     cout << "Hello World!\n";
5 }
```

```
compiler flags: -std=c++14 -Wall -Wextra -pedantic
```
