

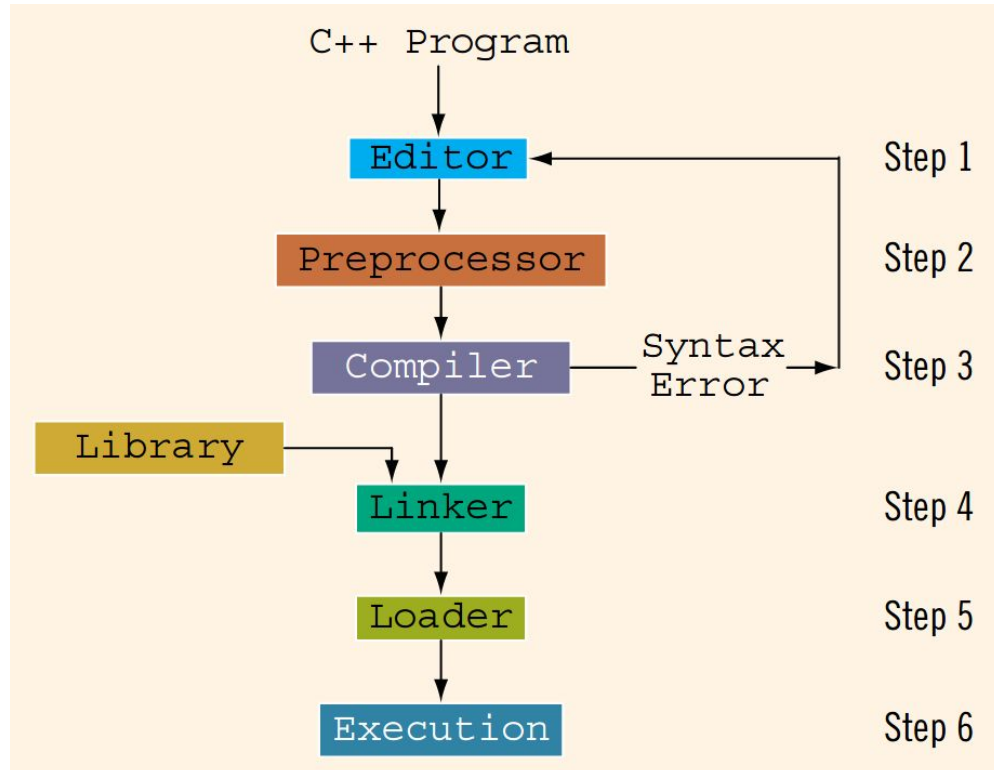
Introduction to Linux and C++

LIP Summer Internships 2019

Program of the tutorial

- Very short introduction to processing of a C++ program
- Demonstration
- Hands-on exercises (following `C_LinuxTutorial.pdf`)
 - Working with the terminal
 - Writing, compiling and running basic C++ programs
 - Hello world!
 - For loops and printing information to the terminal
 - Arrays
 - Conditional statements

Processing a C++ code



Very simple C++ code - demonstration

```
#include <iostream>
#include<string>
```

} Include C++ libraries. Give you access to *cout*, *cin* functions and to the *string* type

```
using namespace std;
```

```
int main(){
```

```
string answer; —————> Create variable of type string called answer
```

```
cout<<"Please answer yes or no"<<endl;
```

```
cin>>answer; —————> The user must type an answer (yes or no) in the terminal. Its value will be stored in the answer variable
```

```
if(answer=="yes") cout<<"Hello World"<<endl; —————> If the user answers "yes", the program will print the phrase "Hello World" to the terminal
```

```
return 0;
```

```
}
```

This code prints to the terminal the phrase "Hello World" if the user inputs the word "yes"