





## Project Submission

 DUE DATE	Feb 26 
 STATUS	 <b>Passed</b> Reviewed on: Wed, Feb 26 3:07 pm

### CppND-System-Monitor

Starter code for System Monitor Project is provided on GitHub: <https://github.com/udacity/CppND-System-Monitor-Project-Updated>

Follow along with the classroom lesson to complete the project!

### Udacity Linux Workspace

Udacity provides a browser-based Linux [Workspace](#) for students.

You are welcome to develop this project on your local machine, and you are not required to use the Udacity Workspace. However, the Workspace provides a convenient and consistent Linux development environment we encourage you to try.

### ncurses

[ncurses](#) is a library that facilitates text-based graphical output in the terminal. This project relies on ncurses for display output.

Within the Udacity Workspace, `.student_bashrc` automatically installs ncurses every time you launch the Workspace.

If you are not using the Workspace, install ncurses within your own Linux environment:

```
sudo apt install libncurses5-dev libncursesw5-dev
```

### Make

This project uses [Make](#). The Makefile has four targets:

- `build` compiles the source code and generates an executable
- `format` applies [ClangFormat](#) to style the source code
- `debug` compiles the source code and generates an executable, including debugging symbols
- `clean` deletes the `build/` directory, including all of the build artifacts

### Rubric

Before you start the project, read the [project rubric](#).

### Instructions

- Clone the project repository:  
`git clone https://github.com/udacity/CppND-System-Monitor-Project-Updated.git`
- Build the project: `make build`
- Run the resulting executable: `./build/monitor`
- Follow along with the lesson.
- Implement the `System`, `Process`, and `Processor` classes, as well as functions within the `LinuxParser` namespace.
- Verify that your submission meets all of the criteria in the [project rubric](#).
- Submit!