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# Build My World

## REVIEW

## CODE REVIEW

## HISTORY

### Meets Specifications

Well done. This is a great start. Now its time to continue to the next project where you will build your robot, equipt it will sensors and write code to use those sensors!

### Basic Requirements

The student submitted all required files specified in the criteria.

-  all of the files and make sure they are present.

### Building

The student designeda structure and stored it in the model directory.

Structure basic requirements:

- Structure is different than the one shown in the sample simulation world.
- Single floor.
- Enough space for robots to navigate.

- At least one feature.
- At least one color.

Structure basic requirements:

- ✓ Structure is different than the one shown in the sample simulation world.
- ✓ Single floor.
- ✓ Enough space for robots to navigate.
- ✓ At least one feature.
- ✓ At least one color.

## Modeling

The student designed an object and stored it in the model directory.

Model basic requirements:

- Object is different than the one shown in the sample simulation world.
- Object links are connected through joints.

- ✓ Object is different than the one shown in the sample simulation world.
- ✓ Object links are connected through joints.

## Gazebo World

The student created a Gazebo world and stored it in the world directory.

Gazebo World basic requirements:

- World is different than the one shown in the sample simulation world.
- Contains the structure model.
- Contains two instances of the object model.
- Contains one model from the Gazebo online library.

- ✓ World is different than the one shown in the sample simulation world.
- ✓ Contains the structure model.
- ✓ Contains two instances of the object model.
- ✓ Contains one model from the Gazebo online library.

## World Plugin

The student created a C++ plugin and stored it in the script directory. Also, the student created a CMakeLists.txt file and stored in the main project directory.

World plugin basic requirements:

- The plugin C++ code should print "Welcome to <your name>'s World!" message.
- Do not submit the build directory!

- ✓ The plugin C++ code should print "Welcome to <your name>'s World!" message.
- ✓ You did not submit the build directory!

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