

How to Install the Create robot Simulator

Install the **iRobot Create Simulator** and its **Eclipse plugin**, as follows:

1. Install the **iRobot Create Simulator** by running:

<http://www.rose-hulman.edu/class/csse/binaries/iRobotCreateSimulator/iRobotCreateSimulatorSetup.msi>

Your browser may warn that “*This file is not commonly downloaded and may harm your computer.*” Run anyway. (In IE, choose *Actions*, then *More Options*, then *Run Anyway*.)

Important:

- At the **Select Installation Folder** dialog, **check Everyone**, as shown to the right.
- At the **Optional Components** dialog:
 - **Check Eclipse plugin**, but
 - **leave create.py UN-checked**,
 as shown to the right.

The installation will install DirectX if you don’t already have it (it will probably say you already have a more current version, that’s fine.)

2. The above installation created a folder:

C:\Program Files\iRobot Create Simulator

In that folder, create a new subfolder called:

CurrentEnvironment

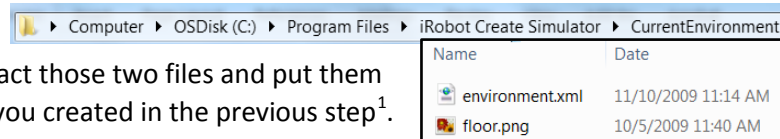
spelled exactly like that (including capitalization, no spaces).

3. Find the ZIP file:

C:\Program Files\iRobot Create Simulator\Resources\Environments\Default.zip

It has two files zipped inside it:

environment.xml and **floor.png**. Extract those two files and put them into the **CurrentEnvironment** folder that you created in the previous step¹.



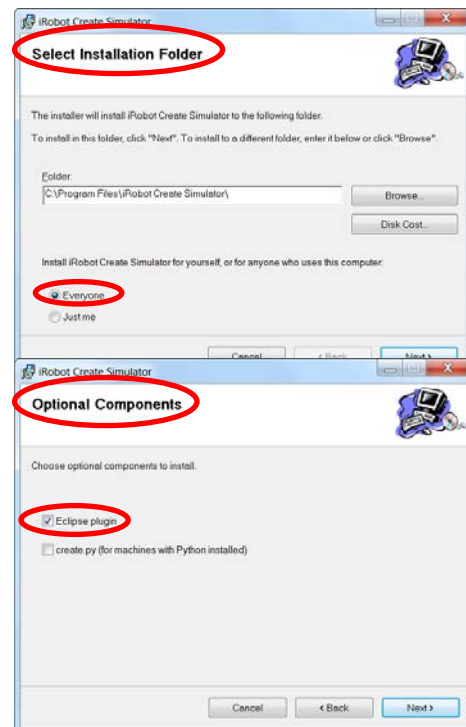
4. Open **Eclipse**. Choose:

Window ~ Preferences ~ iRobot Create Simulator

Select the **Browse** button and browse to the simulator itself, which is:

C:\Program Files\iRobot Create Simulator\Roomba Simulator.exe

Press **Open** to select that file, then **OK** to exit the **Preferences** dialog.



¹ You may need to extract them to (say) your Desktop and then drag them into the folder, giving administrative permissions as you do so.