EV3 Robot Setup Guide

# Setup the Brick

Getting started: <https://www.ev3dev.org/docs/getting-started/>

Best options: Bluetooth connection with Putty for ssh

Remember: (username: robot, password: maker)

# Setup Code Environment

## Python

Setup: <https://github.com/ev3dev/ev3dev-lang-python>

VS code: <https://github.com/ev3dev/vscode-hello-python>

## Matlab (connection can be difficult)

Setup: <https://www.mathworks.com/hardware-support/lego-mindstorms-ev3-matlab.html>

## Other (not tested)

Other Supported Languages: <http://www.legoengineering.com/alternative-programming-languages/>

# Build and Test Robot

Mindstorm Kit Specs: <https://drive.google.com/file/d/1e8KsA4k9IazFHsu80ZHLM0T4r8N-TbVm/view?usp=sharing>

Python API classes: <https://ev3dev-lang.readthedocs.io/projects/python-ev3dev/en/ev3dev-stretch/spec.html#>

Helpful Python Tutorials: <https://sites.google.com/site/ev3devpython/introduction>