



GardenBot is an open source platform that will monitor the conditions in your garden, report them to a web-based dashboard, and even automate things like watering.

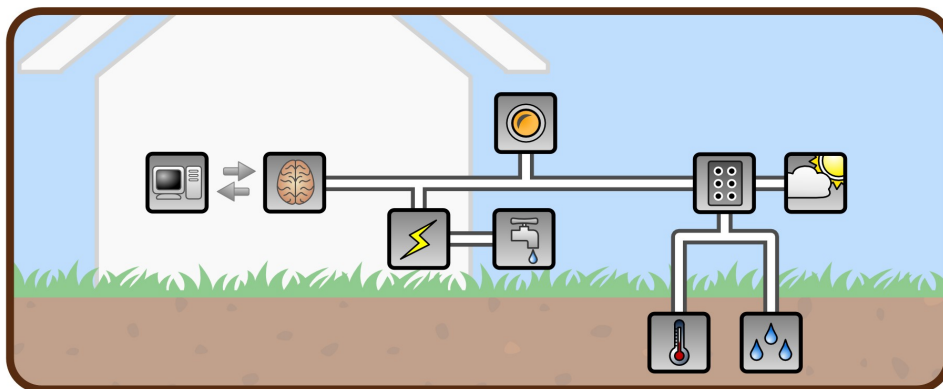
The official GardenBot website:
<http://gardenbot.org/>



See "was featured on" below for more links

Overall design and layout

The key factors that went into the design of GardenBot were to keep the cost low, and the information simple and accessible. With that in mind, the system is designed as a series of modules to simplify building and reduce that dreaded "barrier to entry".



The user can just develop one module at a time and move at a pace that is comfortable for them until they eventually have a complete system. The modular approach makes it much simpler for a user to begin customizing the system by just adding additional modules.

Each module has a separate tutorial on the GardenBot site. There is a brief description of what it is you will be building followed by photos / illustrations to give you a step-by-step process for creating that module.

AutoTalk

To make it easy to communicate between devices, I am also designing a simple communication protocol called AutoTalk. This may be used by the next version of GardenBot (or other future bots).

Visit the AutoTalk project page:
<http://www.andrewfrueh.com/autoTalk/>

GardenBot out in the world

Since the launch of the project as a website, GardenBot has been featured on Wired.com, and TreeHugger.com (see links below). I have received emails from people all over the world who are interested in building their own GardenBot. I am also working with a company to produce a commercial version of the kit.



GardenBot was featured on:

Wired.com

<http://www.wired.com/gadgetlab/2010/08/gardenbot-gardening/>

TreeHugger.com

<http://www.treehugger.com/files/2010/08/gardenbot-open-source-garden-monitoring.php>

The official Arduino blog

<http://arduino.cc/blog/2010/10/21/gardenbot-is-monitoring-your-garden/>

SparkFun blog

<http://www.sparkfun.com/news/598>

Arduino Praxis

<http://arduino-praxis.ch/2010/10/gardenbot-arduino-bewaessert-den-garten/>