

Set Up EV3

Select the EV3 system for which the set up steps shall be shown:

- [C4EV3](#)
 - program the EV3 with the original LEGO firmware. The generated source code is C / C++.
 - Programs can easily be pushed onto the EV3, just like the Calliope mini
 - No installation of an additional operating system necessary
- [leJOS EV3 0.9.1](#)
 - latest version from leJOS
 - based on Linux and Java; the generated source code is also Java
 - programs will be transferred to the EV3 via WiFi or USB cable; USB cable access requires an additional little program
 - programs need some time before starting on the EV3
 - installation on a SD card is simple; completely installed SD card may be purchased
 - update is done automatically within the Open Roberta Lab
 - supports more Wifi dongles
 - better support for Bluetooth on the EV3
- [leJOS EV3 0.9.0](#)
 - our first implementation
 - based on Linux and Java; the generated source code is also Java
 - programs will be transferred to the EV3 via WiFi or USB cable; USB cable access requires an additional little program
 - programs need some time before starting on the EV3
 - installation on a SD card is simple; completely installed SD card may be purchased
 - update is done automatically within the Open Roberta Lab
- [EV3dev](#)
 - based on Debian Linux; generated source code is in Python
 - programs will be transferred to the EV3 via WiFi or USB cable
 - programs will start immediately after the transfer to the EV3
 - installation on a SD card needs some time; after installation the card may be copied
 - updates have to be done separately