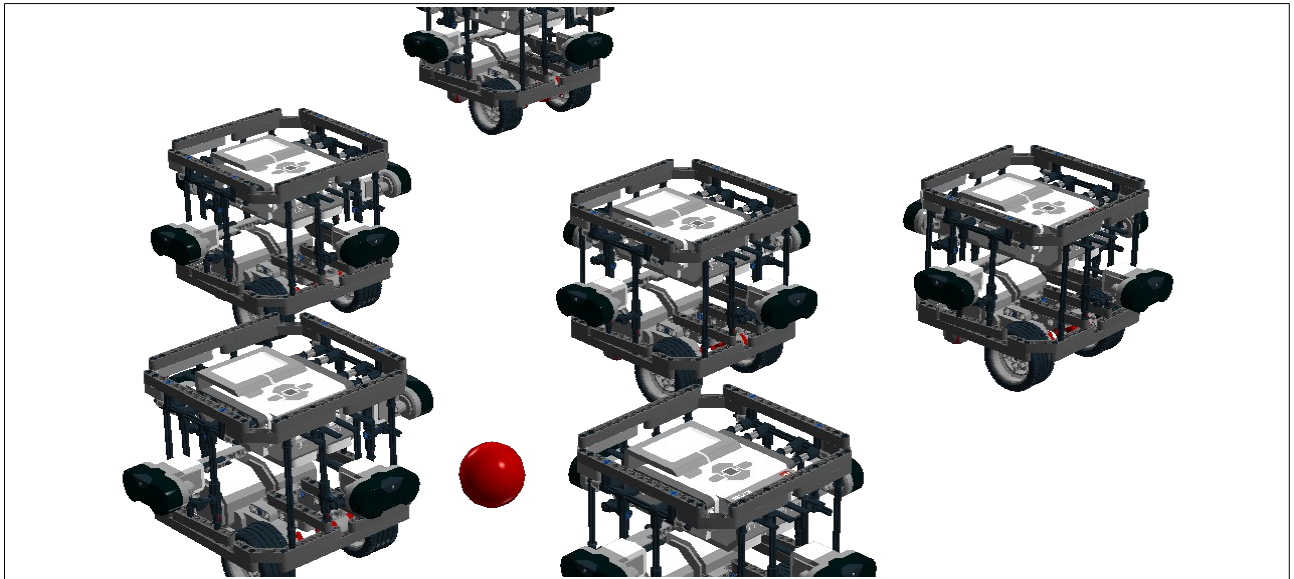


Living Robots with EV3



Annex 2: Busybox

Version 0.1

Juan Antonio Breña Moral

10-May-2014

Table of Contents

Introduction.....	4
What is a Operating System?.....	4
LeJOS Project and Linux.....	5
Future developments.....	5
What is Unix?.....	5
What is Linux?.....	5
What is Busybox?.....	6
Getting Started with Busybox.....	7
Introduction.....	7
What is SSH?.....	7
Using SSH to connect with your EV3.....	7
Default root password.....	8
What commands can I use?.....	8
Using the Filesystem.....	9
Navigating in the filesystem.....	9
Command: ls.....	9
Command: cd.....	9
The filesystem structure.....	9
File permissions.....	10
Command ls.....	10
Command chmod.....	10
Useful file commands.....	10
Command cat.....	10
Command vi.....	10
Users and Groups.....	11
Users in the system.....	11
User management.....	11
Command adduser.....	11
Command passwd.....	12
Processes.....	13
Command top.....	13
Network.....	15
Command netstat.....	15
Utilities.....	16
Command telnetd.....	16
Command grep.....	16
Command syslogd.....	16
Command nc.....	16
References.....	17
About the author.....	18

Illustration Index

Illustration 1: EV3 Brick.....4

Illustration 2: Using SSH to conneting with your EV3.....7