Manual

1. **Install Java JDK**sudo apt-get install openjdk-8-jdk
2. **Install keyboard**

sudo apt-get install matchbox-keyboard

1. **Install feh**

sudo apt-get update

sudo apt-get upgrade

sudo apt-get install feh

1. **Install rxtx-library**

sudo apt-get install librxtx-java

1. **Copy the Hand\_in\_Hand.jar on the Raspberry**

<https://github.com/htl-leonding/2016_3CHIF_hand-in-hand/blob/master/Console-Hand-In-Hand/out/artifacts/Hand_In_Hand_jar/Hand-In-Hand.jar>

1. **Edit rc.local**

sudo nano /etc/rc.local

If an error occurs you might have not installed nano

To install nano type:

sudo apt-get install nano

1. **Insert this code before the ‘exit 0’ - line**

java -jar <<**pathToHand\_in\_Hand.jar>>**

mount /dev/sda1 /media/USB

feh -r -x –F –D 15 /media/USB

1. **Load file on the ESP8266**

<https://github.com/htl-leonding/2016_3CHIF_hand-in-hand/blob/master/Arduino/arduino-file.ino>

1. **Show pictures**

Load some pictures onto a Flash drive, stick it into the RPI and reboot