Raspberry Pi

**26.3.2018**

**Authors: Tuomas Kontola**

# **DESCRIPTION**

There are a few steps in installing all the required software to a raspberry pi.

# **GOALS AND FOCUS**

1. Raspberry Pi client, and it installation

# **APPROACH**

* Clone the libby project from <https://github.com/NickKuts/Libby.git>
* Set AWS credentials and region as environment variables
  + AWS\_DEFAULT\_REGION
  + AWS\_ACCESS\_KEY\_ID
  + AWS\_SECRET\_ACCESS\_KEY
* Run Libby/rpi\_pocketsphinx/lex/install/install.sh as sudo
* The Raspberry Pi should now reboot and have Libby on by default in startup.

# **SPECIFICATION**

You will need a Raspberry Pi with USB microphone and speaker. You also need AWS credentials and regions. Credentials can be found from our AWS management console. Region is always eu-west-1

# **ISSUES**

If the installation fails, you need to remove the docker installation line from the install.sh script. Because you don’t need to install docker twice. You also need to remove the latest docker container called PROJECT\_LIBBY with “sudo docker rm PROJECT\_LIBBY” command.