

# **RTEs Project**

**MARCO MORONI**

# FIRST OF ALL

- OPEN SSH CLIENT
- RE-READ DOCUMENTATION ON MOODLE ABOUT PROJECT TOPICS
- SEARCH FOR READY-TO-INSTALL APPS...

```
bitbake -s | grep ${APP_NAME}
```

SPOILER: ZIP, OPENSSSH AND VIM ARE READY TO INSTALL

# INSTALL READY-TO INSTALL APPS

- ADD THE APP NAME TO `./poky/build/conf/local.conf`  
`IMAGE_INSTALL:append = " zip vim openssh"`
- REBUILD AND TEST  
`bitbake core-image-minimal;`  
`MACHINE=qemuarm64 runqemu slirp nographic`

# MANAGE NOT READY-TO-INSTAPP

- CREATE NEW DEDICATED LAYER AND ADD TO `bblayer.conf`  
**`bitbake-layers create-layer meta-benchmark`**
- GOOGLE, FOR THE APP TO INSTALL
- GOOGLE, FOR THE ERRORS
- CREATE CUSTOM RECIPE DIR AND .BB FILE FOR IPERF2
- ADD `iperf2` TO `./poky/build/conf/local.conf`
- TEST

# MANAGE CUSTOM APP TO INSTALL

- CREATE CUSTOM RECIPE DIR AND .BB FILE FOR THE CUSTOM APP
- ADD `${APP_NAME}` TO `./poky/build/conf/local.conf`
- WRITE APPLICATION
- TEST