



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# Using GAP-SDK (Lab 1 PCs only)

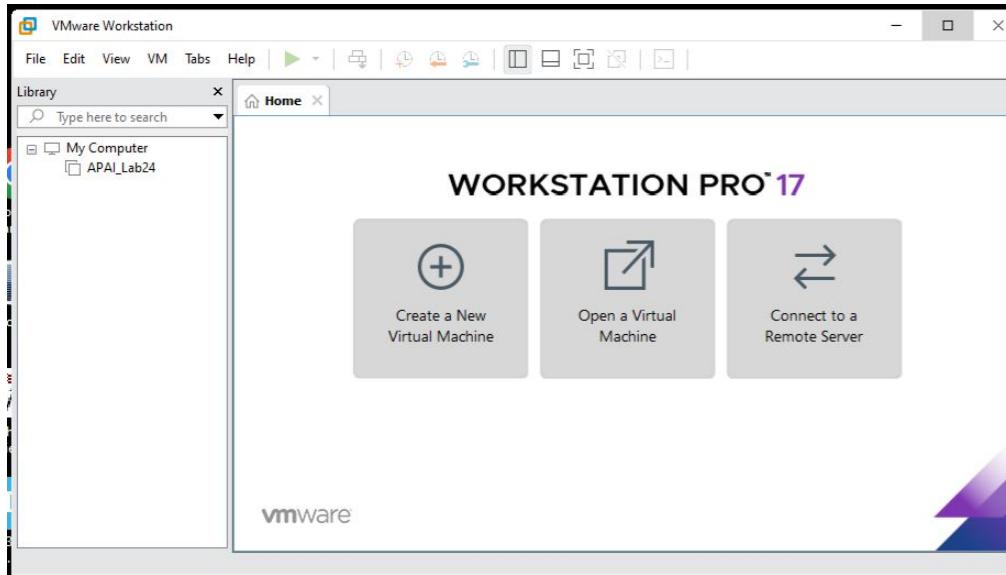
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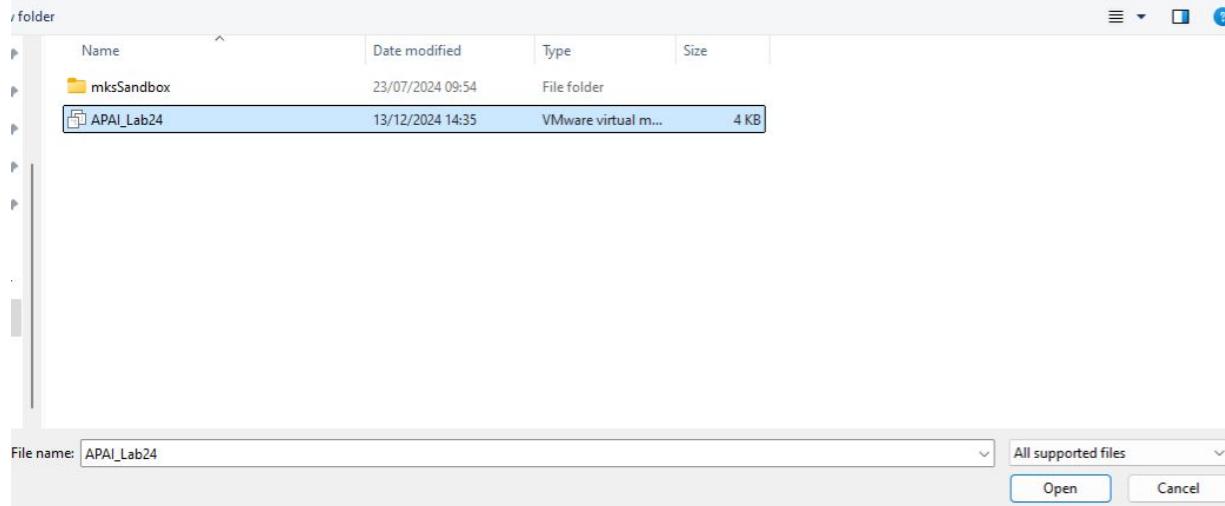
# Setting Up GAP-SDK (Lab1 PCs)

- 1) Open the LAB1 PCs (no VM available at home)
- 2) Open VMWare Workstation

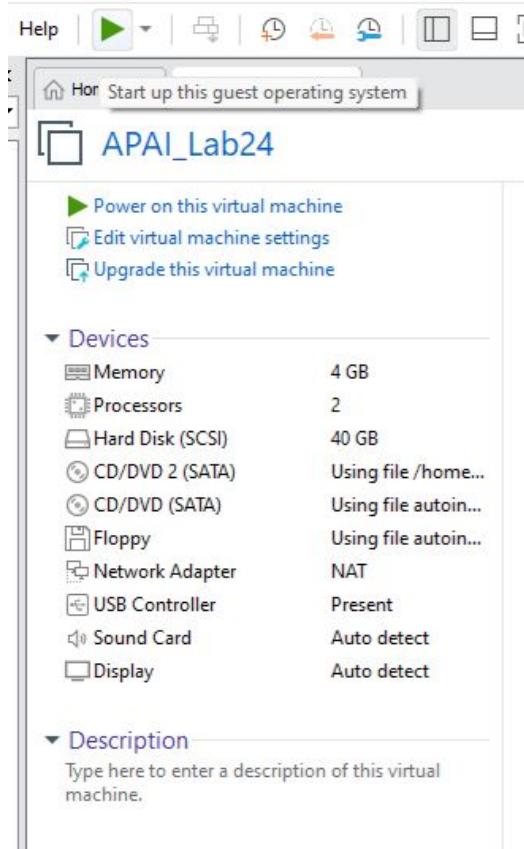


# Setting Up GAP-SDK (Lab1 PCs, cont'd)

3) Open the VM from C:/VM\_APAL/APAL\_Lab24/



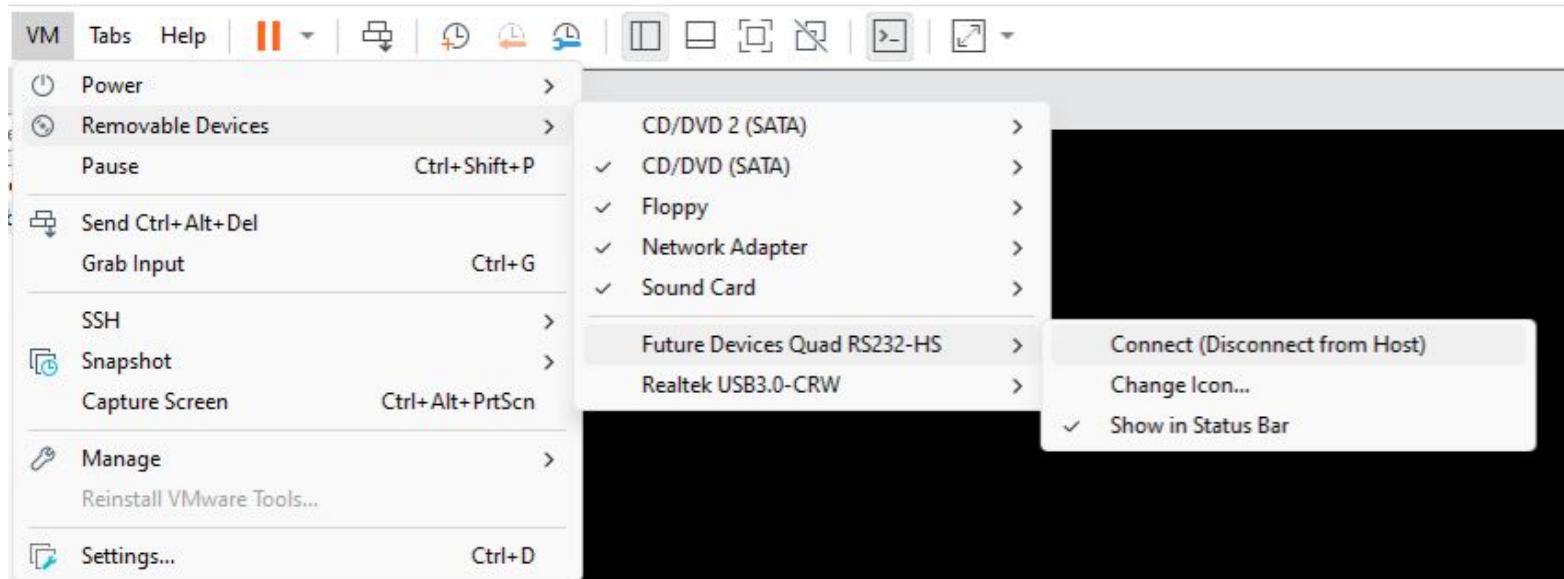
# Setting Up GAP-SDK (Lab1 PCs, cont'd)



4) Start the VM by clicking on the green arrow

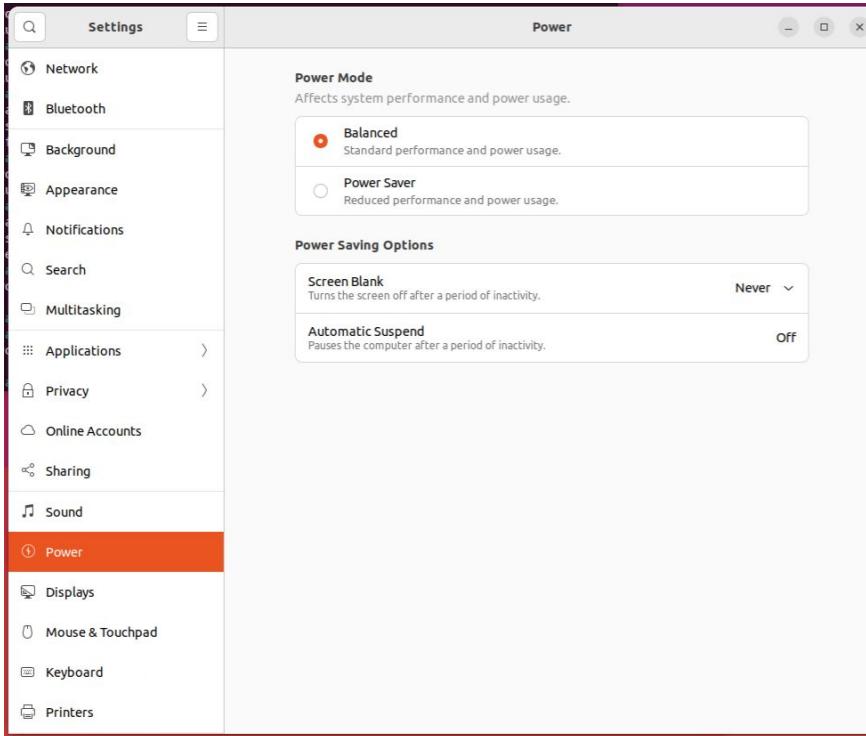
# Setting Up GAP-SDK (Lab1 PCs, cont'd)

5) Connect the board via USB port and enable the USB in the VM with VMWare (VM menu)



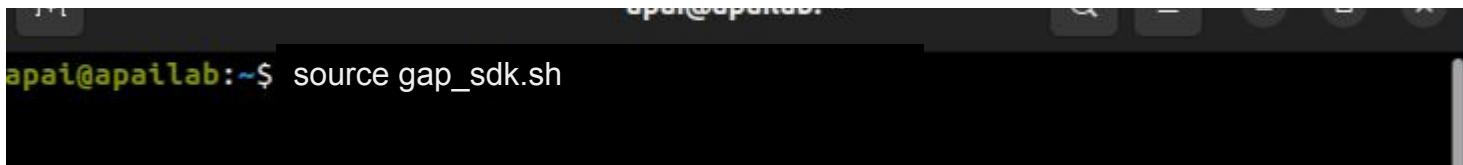
# Setting Up GAP-SDK (Lab1 PCs, cont'd)

6) Inside the VM, disable screen lock in Settings to avoid the screen to lock



## Setting Up GAP-SDK (Lab1 PCs, cont'd)

- 7) Open a Terminal and setup the GAP-SDK



```
apai@apailab:~$ source gap_sdk.sh
```

- 8) Select the correct device by entering “1”



```
apai@apailab:~$ source gap_sdk.sh
Select the target :
      1 - GAP9_EVK_AUDIO
1
The target board you have chosen is : gap9_evk, GAP9_V2.
(gap) apai@apailab:~$
```



# Setting Up GAP-SDK (Lab1 PCs, cont'd)

9) Test the GAP9 board:

- cd helloworld/
- gap init
- gap build
- gap run

10) The board is correctly running if you see the Hello World from the cores of GAP9!

11) Have fun :)





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