



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Using GAP-SDK (Lab 1 PCs only)

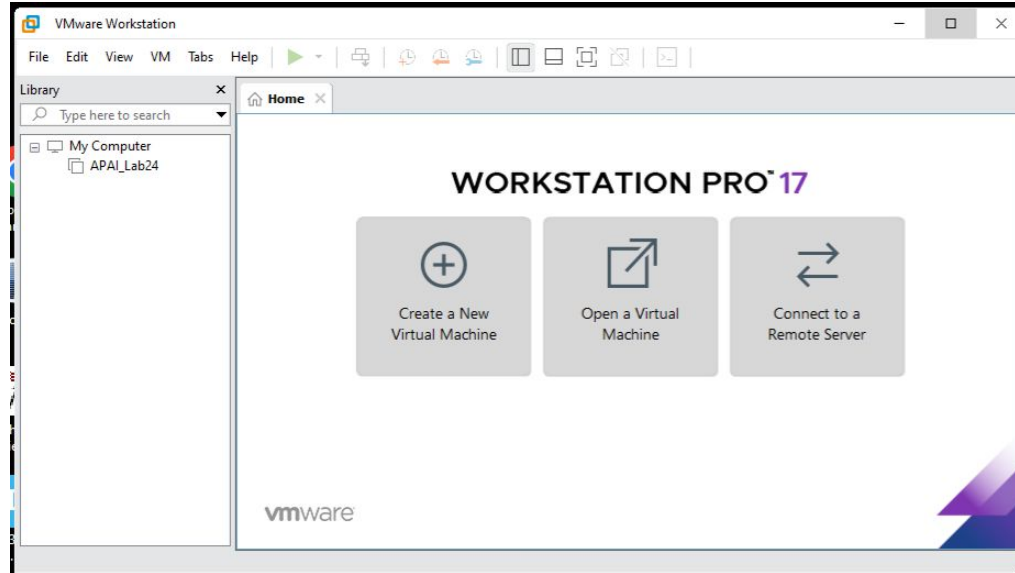
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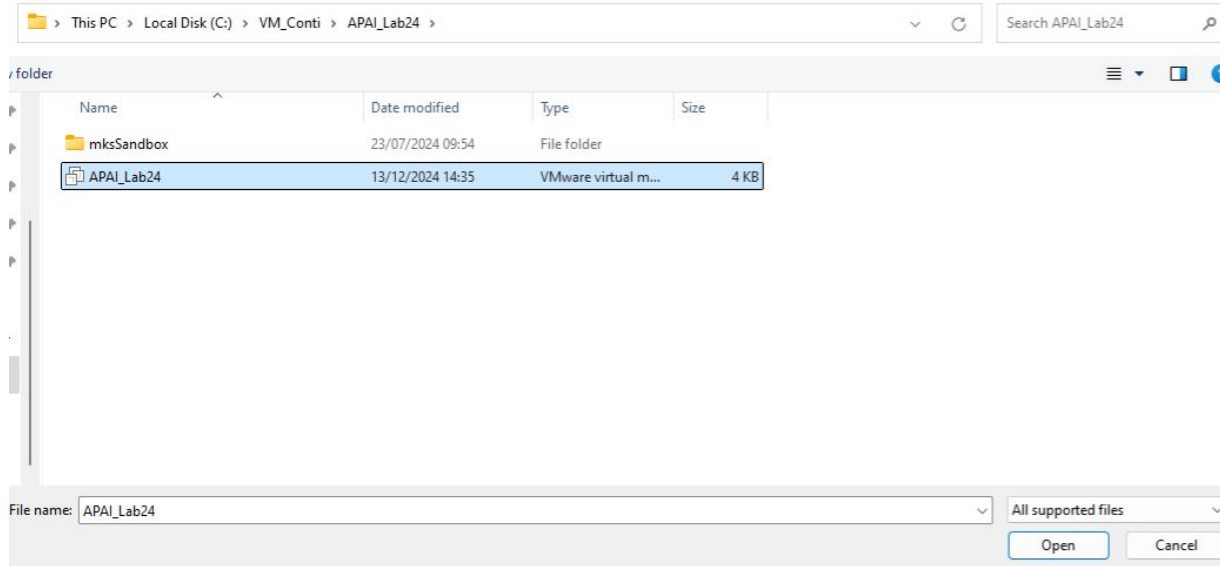
Setting Up GAP-SDK (Lab1 PCs)

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

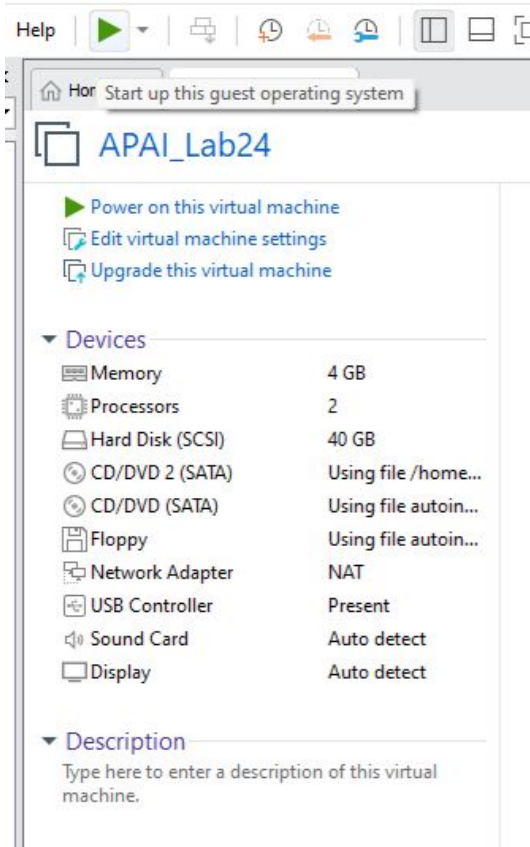


Setting Up GAP-SDK (Lab1 PCs, cont'd)

3) Open the VM from C:/VM_Conti/APAI_Lab24/



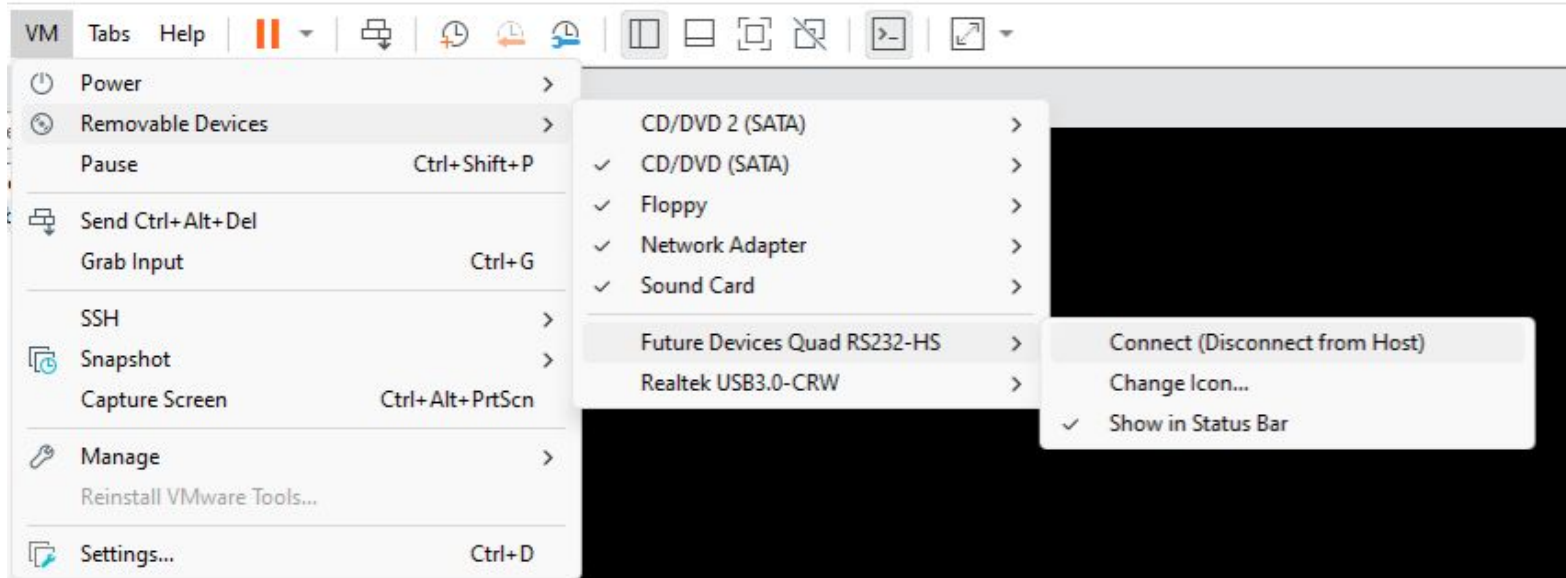
Setting Up GAP-SDK (Lab1 PCs, cont'd)



4) Start the VM by clicking on the green arrow

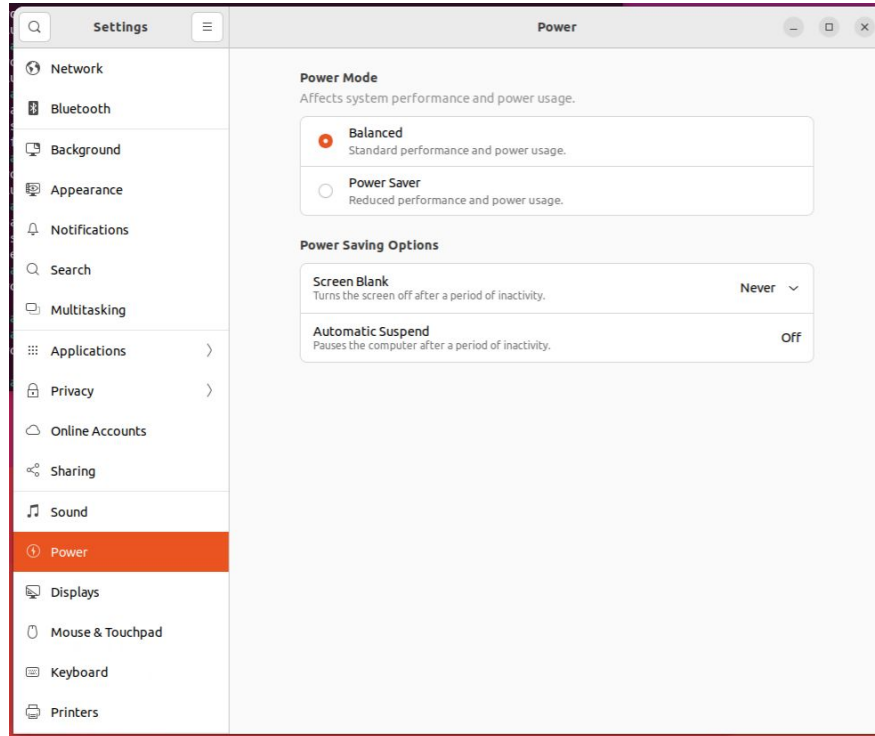
Setting Up GAP-SDK (Lab1 PCs, cont'd)

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 /opt/gap_sdk.sh
```

8) Select the correct device by entering “1”

```
apai@apailab: ~  
apai@apailab:~$ source /opt/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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