

Solving booting

MBR

Master Booting record

UEFI

choosing controller depends on its preferences

Project:

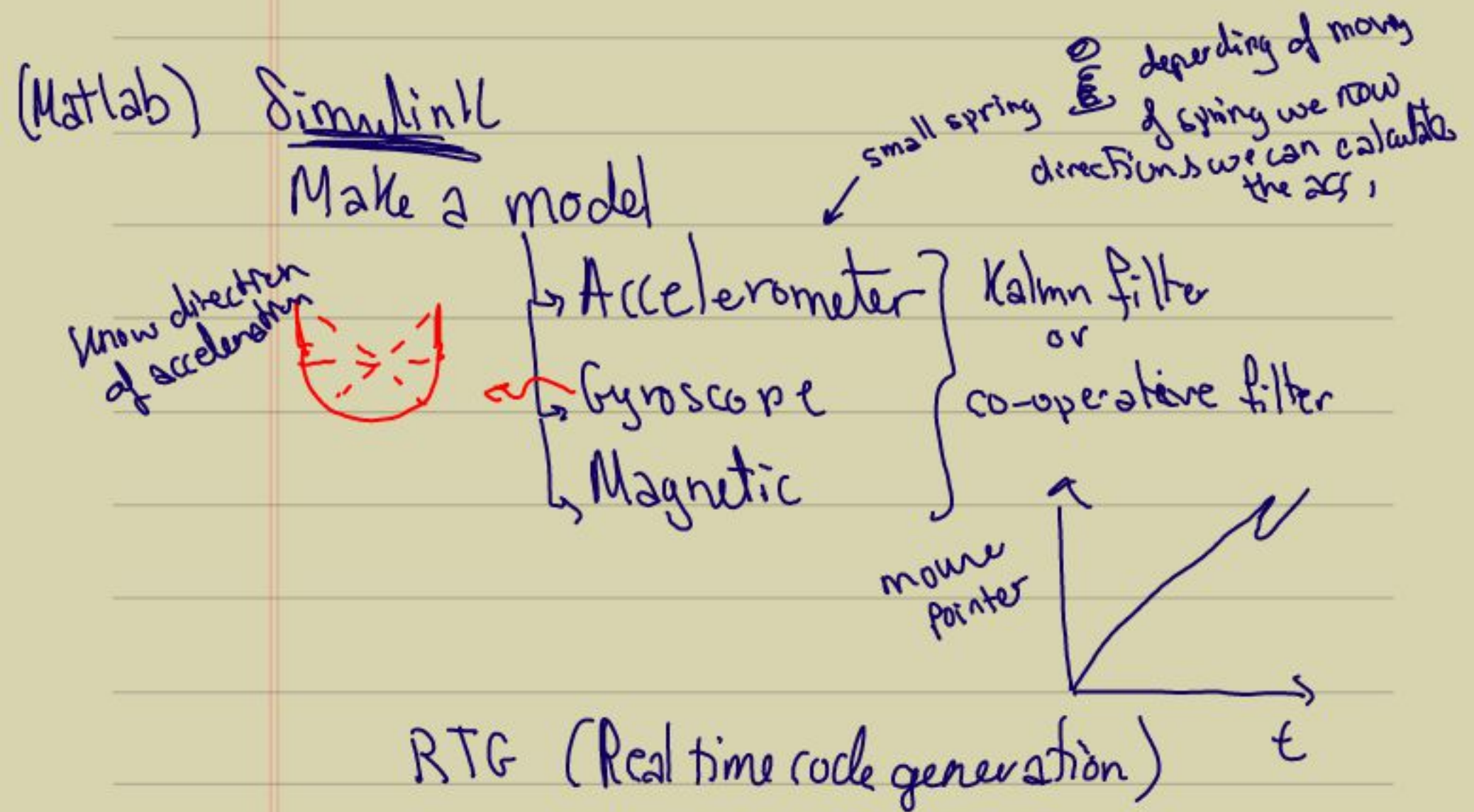
Quadcopter

- teams :
- ① Linux - Raspberry ↙ Debian package
  - ② Simulink → controls / code generation
  - ③ Virtual reality → VREP
  - ④ Android SDK , qemu
  - ⑤ Oscilloscope
  - ⑥ Project Management

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Java Oscilloscope / Python Oscilloscope

- image creation
- 1) Embedded linux + RT Linux Patch
  - 2) Flash on SD card
  - 3) Running
  - 4) Debugging  $\rightarrow$  gdb : 2345
  - 5) Integrate simulink software.
  - 6) Send sensor values  $\rightarrow$  V.R. & visualisation
- Packet manager





## Virtual Reality:

- ROS - VREP, Gazebo - unity/unreal
- Matlab sensor values
- validate

## Visualisation

Rasberry

plotter

