

# Requirements - Simulator

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The main purpose of this document is to document the simulators requirements and track questions/details that need to be addressed.

- What exactly is the scope of the functionality that needs to be simulated?
  - ☐ sensors? hardware emulation?
  - ☐ 3d or 2d graph model? what is expected?
  - ☐ does a physics engine need to be implemented/pulled in?
- Deployment & ISA requirements/expectations
  - ☐ on what hardware does the simulator need to run?
  - ☒ is cross-compilation to other operating systems required? (linux, windows)
  - ☐ is cross-compilation to different architectures (isa) required? (x86, aarch64, risc-v)
  - ☐ how's the software distributed? (expectations of teachers)
  - ☐ does the code need to be available to the teachers?