gem5 at home (or work/school)

Getting help

gem5 has lots of resources to get help:

1. Documentation at gem5 doxygen

2. Ways to reachout for help:

   - Github discussions
   - gem5 Slack channel
   - Join our mailing lists:
     - [gem5-dev@gem5.org : For discussions regarding gem5 development](gem5-dev@gem5.org)
     - [gem5-users@gem5.org : For general discussions about gem5 and its use](gem5-users@gem5.org)
     - [gem5-announce@gem5.org : For general gem5 announcements](gem5-announce@gem5.org)

3. Youtube videos

These links and more information are also aviable at https://www.gem5.org/ask-a-question/

Running gem5 at home

- gem5 performance qualities

  - Single threaded
  - Consumes lots of RAM (if you want to model 32 GB of memory, it needs 32 GB of memory to model it)
  - Can take a lot of time

- Because of this its best to run multiple experiments in parallel

- Recommended hardware:

  - High single thread performance
  - Doesnt need many cores
  - LOTS OF RAM