Agenda

• Introductions
  – Last maintainers meeting minutes: https://www.nsnam.org/wiki/MaintainersOct2023

• Wrapping up ns-3.41

• GSoC 2024

• WNS3 plans for 2024

• Longer term goals and plans
Some recent project statistics

- **ns-3-users Google Group** currently has 10,504 members
  - Last year, there were 3497 messages (by my count), so roughly 300/month
- **ns-developers** is much smaller, only 105 members
- Zulip chat room has 1092 members
- 160 issues created in 2023
- 515 merge requests created in 2023
ns-3.41 finalization

- January release
  - Eduardo’s proposal !1701 GitLab CI generation of releases
  - Per-module C++ namespaces (#707)
  - Wi-Fi status?
  - Review other tagged Milestone 3.41 items?
Some takeaways

- Roadmaps—are they useful?
- Several sessions on improving diversity in projects
- Many open source organizations of our size have a ‘community lead/manager’
- Discussions about the emergence of AI
  - who is for or against using it? what are the rules around it?
  - note that GSoC applicants will be using it during the process
  - should we start using it to generate tests? (e.g., keploy.io)
- Several sessions on ‘green GSoC’ and ‘green projects’
  - e.g., what does “endless CI” contribute to the environment?
  - see eco.kde.org
GSoC 2024

Do we join again? Who wants to participate?

- Student-proposed vs. project-proposed projects (both?)
- Soliciting mentors from research groups who use ns-3?
- What else should/could we do differently?
WNS3 2024

June 3-7 at CTTC

• Travel support available (please contact me if interested)
• What sessions should we record or broadcast live?
• Bring back basic training?
• Advanced tutorial ideas or any other session ideas?
• Developer meeting again on Friday?
• What are reasonable fees for attending (in-person or virtual)?
Possible initiatives out of WNS3 2023

Meeting summary posted online

Possible areas of collaboration

1) Exploiting new Python/Jupyter capabilities
2) Exploiting new visualization capabilities
3) TCP and Wi-Fi roaming improvements
4) Model validation track at WNS3 2024
5) Reproducibility guidelines and committees

maintainers meeting January 16 2024
Longer term plans

• UW ns-3 Consortium update
  – we have about $10,000 to spend out, possibly more
  – can we (and should we) fund software development?

• SPI budget update
  – current balance $4791 (due to GSoC 2022-23)

• Future infrastructure/hosting needs
  – Migrate web hosting from Ga. Tech and UW to a commercial service
  – Migrate DNS registration to SPI

• New project governance and steering committee
  – Looking at SciPy as a possible model