

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?

GSoC mentor summit 2023

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

Gabriel

2) Exploiting new visualization capabilities

Tom 3) TCP and Wi-Fi roaming improvements

4) Model validation track at WNS3 2024

in WNS3 CFP

5) Reproducibility guidelines and committees

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