2020-06-23 ns-3 Maintainers Meeting

Training

- Traditionally offer two days of in-person training to open WNS3 week
- Decided not to do that last week, since it would have to be all virtual
- Had planned to attend a fall conference, but expect that will be virtual as well
- Exploring ideas on how to offer more training at less effort
  - Pre-recorded basic training
  - Spend effort on new sessions focussed on new /revised models, such as WiFi

Professional opportunities

- This is an FYI
- Occasional Tom gets requests from companies looking to hire consultants, contract work

Umbrella organizations

- New ns-3 consortium is hosted by UW
  - Some limitations on support UW can/will provide
  - Some restrictions on what can be done with funds
    - Can't fund ns-3 summer of code
  - Other restrictions, e.g. UW won't provide legal support when needed
- Approached Software Freedom Conservancy SFC
  - Not taking on new projects
- Approached SPI https://www.spi-inc.org
  - No objections raised
  - Tom asking to go ahead at the end of the week

Release process

- ns-3.31 has been painful
  - Working on `CHANGES.html` and `RELEASE_NOTES`
- Process
  - Aimed for date-driven releases
  - Held up by late-breaking developments, bug fixes
  - Proposal for rigid data-based releases
    - Perhaps even date-labeled
  - Alternative we've discussed in the past
    - Long term support releases
      - Feature freeze well before date, as much as one month
      - Back port fixes
    - With continuous development ongoing
- Feature freeze or branch
  - Hold off further commits to master until release
  - Or release branch, enabling parallel development
- ns-3.31 lessons learned
  - Long intervals lead to lots of release work
  - `CHANGES.html` and `RELEASE_NOTES` not kept up to date
    - Have to go through the commit history
    - Move to one file, more diligent in keeping it up during development
  - Package dependencies and breakage not detected by our CI/CD
  - Late merges of inadequately tested features
- Proposal: move to date driven, probably with release branch
  - Please announce prospective development to ns-3-dev list

Developer/maintainer meetings

- More frequent, short-ish
  - Monthly? Less frequent?
  - Special meetings for big issues

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Agenda

Time	Topic / Presenter
	Training
	Professional opportunities
	Umbrella organization
	Release process
	Developer/Maintainer meetings

Attendees

- Tom Henderson
- Tommaso Pecorella
- Biljana
- CHien-CHeng Wu
- Mattia Lecci
- Mohit Tahiliani
- Natale
- Pasquale
- Rediet
- Stefano
- Tommaso Zugno
- Zoraze Ali

Documents

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No files shared here yet.

Drag and drop to upload or browse for files

Action Items

- Chat or other means
    - Stick to Zulip? Switch to...

Style check cleanup

- Proposal to do one massive `check-style.py`
- Then add to CD process, to keep up to date
- Tom had asked to delay until after release, which is imminent