



QGIS PSC Meeting 4th Oct 2022

Present

- Marco
- Anita
- Jürgen
- Régis
- Tim
- Andreas
- Alessandro

Excused:

-

Chair: Marco

Secretary: Anita

Video / Audio Channel

<https://meet.jit.si/QGIS-PSC>

Previous meeting minutes

[20220913-QGIS-PSC-Meeting-13-Sep-2022](#)

Next meetings

See calendar

17:00 -18:30

Tickets

<https://github.com/qgis/PSC/issues/>

Agenda

Marco: welcome Régis

- Sharing of important links & information

Marco: AGM / PSC Election

- AGM is now closed
- TODO: Send results (link to the blog post) to the voting members
- Next year: try to finish in May → start in March
- 38 participants out of 62 voted (speaking under correction / numbers need confirmation)
- Lesson learned: one week is enough to vote (as long as it is not during French holidays ;-)
- Next time, simplify the voting form between board / psc if there is not multiple choice again.

Marco: Announce HF in NL?

- Once the organizers have a date, we'll announce it so that as many people as possible can attend
- TODO Tim: reach out to Raymond

Marco: Strk ideal setup issue

- <https://github.com/qgis/QGIS/pull/49124#issuecomment-1249168980>
- PSC to ask Sandro to participate in the bug fixing programme according to the following guidelines:
 - 1. Grant proposals are the appropriate way to introduce infrastructure improvements (like CI improvements), not the bug fixing programme.
 - 2. We request developers participating in the bug fixing programme focus on bugs in areas where they have deep expertise (e.g. GEOS / OGR etc) so that they can bring the maximum value to the project through their work.
 - 3. We will prioritize regular community contributing developers who want to participate in the paid bug fixing. There is an explicit expectation that developers participating in the bug fixing programme are 'ready to roll' in terms of having a productive development workflow in place, familiarity with community norms and generally are able to participate in a low / no friction way.
- Thus it is the decision of the PSC that we do not support use of QGIS Bug Fixing funds being used to resolve this issue. Please propose a grant proposal if you wish to further work on this issue.
- TODO Marco: respond in the ticket & mailing list ->Done

Anita: Documentation effort

- <https://github.com/qgis/QGIS-Documentation/commits>
- <https://github.com/qgis/QGIS-Documentation/commits?author=PhilipAlbrecht>

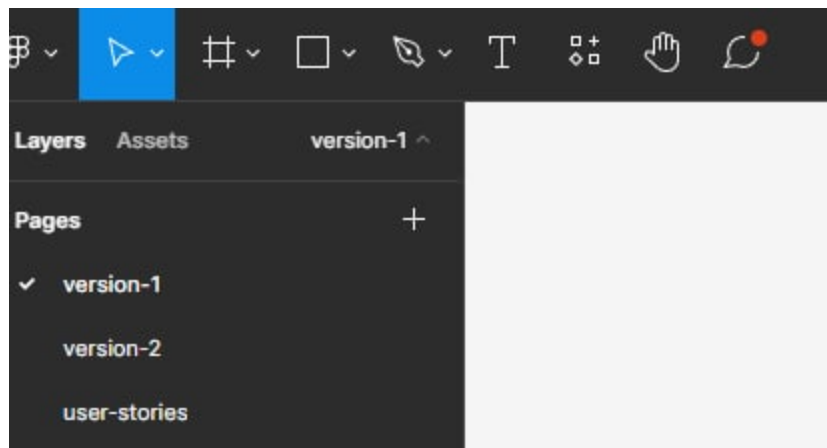
- <https://github.com/qgis/QGIS-Documentation/commits?author=felixfeckler>
- TODO Anita: reach out to current doc team members again to clarify current status
- TODO Anita: find more contributors e.g. via Serena & Victoria (perhaps first asking Harrisou if he wants to manage the process).
 - victoria.rautenbach@gmail.com
 - serena.coetzee@up.ac.za

Tim: Finalizing Vision & Mission

- Legacy version: <https://docs.google.com/document/d/1-bh6gP3m2LrsuAEJ5eZM7uTjXNv5roRIA1sc8eN0Gxw/edit>
- Hackfest Firenze 2022 version: (link???)

Tim: Status of Web site rejuvenation efforts

- **Part 1: Auto builds using GitHub Action**
 - Juergen: We think everything is ready, need a final validation
 - Tim: Get Dimas to check on the payment system with stripe
 - Tim: Repoint the DNS to the new site once final checks are done
 - Juergen: Currently static test host is offline - we need to check why
- **Part 2: New Look and Feel for main site**
 - <https://github.com/qgis/QGIS-Website/issues/1030>
 - <https://www.figma.com/file/bHHUUVZ1fbQMtwSmtCSXYN/QGIS?node-id=0%3A1> check version-2:



- Ethan offered to add a dedicated chat room on Revolt for the website redesign effort → would be nice to have

Marco: QField / moving pandas release notes on planet feed

- Clarified the planet section heading: <https://github.com/qgis/QGIS-Website/commit/fddcdb5ae03bcd5f91f9c1370f1c8d0d339bcaed>
- TODO Marco: to invite other third party devs to add their posts to the planet aggregator

Tim: Status of QGIS 'intern' developer for web infrastructure

- Andreas please confirm budget available: 7.5k for website update (this year, could be more next year); and there are 5k for changelog (projecta) improvements
- Tim received first CV and did first interviews (neither candidate accepted)

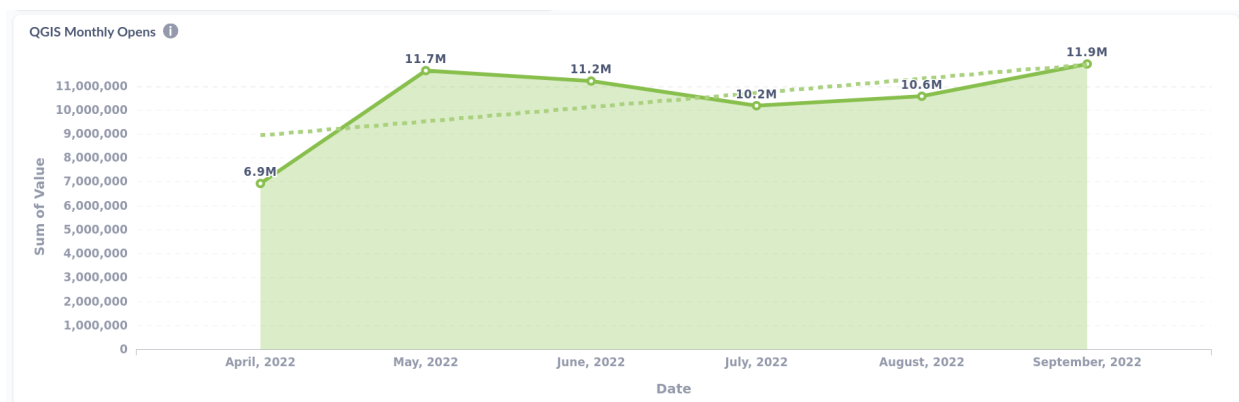
Andreas: LiDAR/3D crowdfunding effort

- Announce it in our news feed:
<https://www.lutraconsulting.co.uk/crowdfunding/pointcloud-processing-qgis/>
- TODO Andreas to follow up with Nyall re feed and blog post status

Régis: one unanswered mail in the security mailbox

- Typical corporation looking for security documents
- Should we add a FAQ or dedicated webpage for these recurring questions listing all security related known resources ?
- <https://qgis.org/en/site/getinvolved/faq/index.html>
- https://docs.qgis.org/testing/en/docs/user_manual/appendices/qgis_desktop_network_connections.html
- TODO Régis to follow up on the unanswered email
- TODO Marco to follow up with security working group re next steps (cc Régis)

Tim: Fun stats for the month:



OLD Agenda

Andreas/Tim: Continue Vision discussion from the hackfest

- Will be continued in the upcoming weeks

Andreas: KDAB and Qt

- Go head with 1+3

- 1. Improvements to the Qt SVG generator to support some non-SVG tiny functionality, specifically translation of QPainter clipping paths to SVG clip paths
- 3. "opt-in" flag to get ordered XML outputs
- Ask Nyall re 2
 - 2. Potential enhancements to Qt Webkit framework, or could Qt WebEngine be enhanced
- Wait for more info re 4
 - 4. Prepare a roadmap for adding support to Qt6 for the CMYK color model to QImage / QPainter / QPrinter and related classes

Marco: Next contributor meetings

- Do we join FOSS4G in Kosovo in June?
 - We don't have a local organizer at hand
 - Jürgen suggests to do the community meeting after FOSS4G / when all other projects have their code sprints
 - QGIS devs can join the general code sprint, even if we don't have an official contributor meeting
- Offer in Netherlands is still open (also organized by Raymond - same as FOSS4G) and so is the Swiss offer
 - TODO Andreas: ask Raymond if he is up to it and if they prefer spring or autumn 2023 or 24?
 - If Raymond prefers 24, Switzerland could do 23
- Other ideas, proposed e.g. by Raymond are to have only one in-person meeting per year and have other meetings virtually / support smaller local events
 - Paolo suggests to go ahead and change to only one central in-person meeting
 - Anita +1
 - Andreas +1
 - Marco +1
 - Paolo +1
 - Marco raises the point how to best support local events
 - Paolo suggests to have coordinated local events at the same time to enable cross-country collaboration
 - Work adventure platform (like in FOSS4G Argentina)? TODO Marco talk to LOC
- TODO: find out why Lutra/Oslandia didn't join this year

Marco: Security

- Need to follow up with the security working group

Andreas: KDAB and Qt

- KDAB considers CMYK development high risk, since the Qt company may not want to integrate it into Qt

- Currently waiting for more insights from KDAB later this week

Anita: New Website

- Tim announced the new website for the end of the year (on Twitter)
- Wire-frame sent to Anniina + Anniinas v0.1 draft design
<https://www.figma.com/file/bHHUUVZ1fbQMtwSmtCSXYN/QGIS?node-id=0%3A1>
- Plan is to get everyone interested in the website together to discuss next steps
- TODO Tim to set up meeting with Anniina, Amy, Seabilwe next week
- New build process using Github actions WIP: <https://static.qgis.org/en/site/>

Alessandro: Put names & logos of public administrations on the website if they fund features

- Existing solution: <https://qgis.org/en/site/forusers/visualchangelog326/index.html> (only link, no logo)
- TODO: Alessandro to check back with the contacts at the public administrations if the existing solution (+logo) is enough
- Alessandro suggests to integrate “notable contributions from public administrations” (e.g. more than n contributions) in the Changelog or on the front page
 - Tim raised concern how to automatically determine “notable contributions” from available info

Andreas: Follow-up contributor meeting @ FOSS4G

- 10-12k costs for the contributor meeting so far
 - TODO Paolo to ask the Italian user group for some sponsorship
- Two requests for travel support: 1x flight and 1x train tickets
 - TODO Andreas to ask them to write a blog post about the contributor meeting
- Paolo suggests to reconsider attaching our contributor meetings to FOSS4G to be more focused and avoid being restricted to their choice of venue and time

Tim: Barriers to participation in the QGIS project. Tim Raised the issue that we are not recruiting young core contributors to the project at a good rate. We think there are many factors that contribute to that: A feeling of inadequacy when looking at all the experts in the project, a lot of rules and procedures that new contributors need to deal with and a generally overwhelming feeling that we think makes it hard for young / new people to join the project in a participative way.

- Ale proposed running ‘getting started’ sessions on the QGIS open days as a series of videos that can also be in YouTube playlists that can be followed sequentially by people learning
- Anita suggested that we ask Amy to coordinate and host these sessions

Nyall: KDAB and Qt:

- 1) Nyall raised the possibility of us contracting KDAB to make upstream Qt6 fixes to resolve serious issues with exporting layouts as SVG (images dont have cropping lines so the polygons bleed over the edge of the layout. KDAB estimates 5-6 days of effort.
- 2) Nyall secondly raised the need for CMYK support in Qt6. This is needed for professional map production. KDAB estimates funding in the six figure range. We would need to arrange a cross project crowdfunding exercise to fund this, but we feel.
- 3) WebKit / WebEngine. QGIS is using Qt WebKit which was dropped in Qt6. The QtWebEngine (only option in Qt6) cannot be run in the same application as Qt3D. We also rely on webkit for rendering html elements in high quality in layouts. WebEngine does not support making high quality exports. We need to find out the cost of making webenging perform to the same level as webkit since webkit will not be available.
- 4) XML ordering: Qt randomizes the order of XML so it is hard to use QGIS projects in source control. Can we ask KDAB to fix this upstream? E.g. write attributes in alphabetical order. Currently this randomness is considered a performance and security feature so Nyall is proposing they add a flag in the API.

Andreas: We propose to go ahead with item 1 above as we have already the budget for it and use some of our budget to investigate costings for items for items 2-4

- Tim: +1
- Jürgen:
- Anita: +1
- Marco:
- Andreas: +1
- Alessandro: +1

Nyall: Qt6 Migration status: The work is going well and QGIS is functional but we do not have any PyQt6 support. Nyall is asking that we get Sandro from Sourcepole to create fedora packages for the dependencies so that Nyall can run python tests and work on checking python support. Fedora is proposed for purposes of being able to run CI workflows on. We need to similarly ask the KDE team to build needed dependencies for Debian (and thus Ubuntu). With the fedora builds we could also do mingw builds.

- Qca
- QTKeychain
- PyQt6
- One other???

It is estimated that Sandro will need 2.5 days to do the Fedora packages

New Website: Tim and Anita have been working on the new website.

Translations: We are looking into switching to weblate since we do not meet their free project criteria anymore. Jürgen is busy testing out OSGEO weblate. Tim proposes to use Transifex on a paid plan for dynamic translation of the 'hub' (top level pages) and then we use weblate for the rest.

\\Anita/Andreas: Numfocus application

- NumFocus already funds GDAL: <https://numfocus.org/sponsored-projects>
(This seems to be GDAL's application form:
https://docs.google.com/document/d/1bc5jdpCe1axdyBHxbJnun7e0DTyDoZI_eFYgJYnOhB8/edit based on https://gdal.org/development/rfc/rfc80_numfocus_relationship.html)
- Application date for round 3 is October 15.
- It could be a way to approach more US donors since NumFocus is a registered non-profit there. According to the GDAL docs, they take 15% off the earmarked donations for running NumFocus

Andreas/Nyall: Fedora packages

- Nyall suggested to ask Sandro Mani to work on PyQt packaging in Fedora

Notable contributions page on the website

- For public administrations that do notable indirect contributions (both features and bug fixing): collect the "funded by" strings from the PRs for each release and if they are > x we offer the choice to publish their link and logo on a dedicated section of the website
- This system would be reserved for public administrations/institutions only to avoid turning it into cheap advertising for private companies.

Junior web developer: PSC agreed that we will go ahead with hiring a junior full time web developer. This will be done by proxy through Kartoza with QGIS covering the salary cost for that person. That will avoid the QGIS.org needing to deal with staffing issues. Will be for a 1 year trial basis, with the idea to continue in the future if the approach works well. Tim will supervise the person / hiring / firing etc. and ensure they are tasked and productive. The PSC budget already contains an estimated 15k to cover this.

Cats: PSC semi-unanimously voted for digital cats to be the new mascot of QGIS :-)

Marco: Ubuntu CI update grant

- All agree
- TODO: Andreas to inform Nyall about acceptance

Marco: US server

DONE: Marco Bernasocchi ask Richard for status ->

- I have root access to the server
- We should indeed decide if it is OK to put stuff on there, but on the other hand, downloading QGIS can be really cumbersome/slow!
- Earlier we talked to the Dutch Linux User Group (well known for their ftp-mirrors for all Linux distros). They also offered us a mirror.
- But I think Juergen is just not so interested/prefers to handle it on the current 3 servers.
- Jürgen: more servers don't help, we need geo-based allocation of downloads for stand-alone installers (currently round-robin i.e. random assignment). (Everything should be fine for OSGeo4W because users can pick which server they want, if we had a server near the user)
- Feedback from Richard: The problem with Cloudflare is that they regularly cache all old installers, flooding our servers in the process; Richard is planning to fix this by separating current installers from old ones and tell Cloudflare to only serve current ones. Richard does not have an ETA for this yet - he would like someone to work on it with him.

Andreas: reported Website issue

- Should consider updating Bootstrap → TODO: Tim to look into it and respond

Anita: South america QGIS Certification Application

TODO Marco: follow up with involved parties to get a better understanding

Marco: QGIS chile (company)

- Marco sent mail but no response yet

Alessandro: Manual tests

- Infrastructure exists <https://github.com/qgis/QGIS-Enhancement-Proposals/issues/180>
- Open issue: writing more tests and actually performing the manual tests requires more time
- Alessandro: I have asked Alex Neto and Giovanni about the test cycles, they mentioned that they didn't have time to run the tests this release. They also mentioned that the time available from the packages ready to the packages released was not sufficient. I think they need to talk to Juergen to organize the test cycles for the next release. Also, they are preparing a spreadsheet where the activities will be logged for the PSC feedback.
 - Jurgen had contact. Alex tested the packages before release
 - Alexander said they did run the tests on each patch release.
 - They are adding new tests
 - Some volunteers are helping with Mac tests

Marco: QGIS Portugal

- Organization (ESOP) is interested in supporting QGIS.ORG (somehow, unclear yet).
- Alessandro: follow-up -> Giovanni will look into it
 - No pressure there

Long-term issues

Andreas: Approaching larger sponsors who support FOSS4G

- **TODO Marco:** try to identify promising contacts and reach out to them as chair
- **TODO Marco:** follow-up on Google 10 most important C++ projects

Gatekeepers, Community roles draft

TODO Marco: still ongoing at [here](#)

TODO marco: follow-up vision meeting → [Goals of QGIS](#)

TODO: invite Tim to one of the next PSC meetings

To follow up on **Tim's idea "Young staff."** Tim suggests reserving 20-30k € (annual salary) for a person in a less-developed country that could work on bug fixing, maintenance, documentation, ...

Could be proxied/employed f.e. through Kartoza.

- Alessandro suggests picking only people who are already contributing on a voluntary basis to the project and are not motivated by money only - at least for development and bug-fixing work. For infrastructure work it is different - it is the boring work that people don't tend to do on a voluntary basis.
- Marco suggests focusing paid staff on working on project-related tasks that are not directly related to QGIS Desktop/Server.
- Anita suggests identifying tasks that could be done by such a paid staff and then discussing this suggestion with the community → **TODO Tim** to create a shortlist and post it to PSC list

Voting platform

- Old discussion never concluded
- We have a non centralized solution that is hard to track:
 - Google forms for community votes are hard to follow and take time to create
 - ML discussion on votes is nearly nonexistent
- Resolutions copying to website is neglected (last copy in June by Anita)
- Marco: re-suggest centralizing all voting to a single **loomio** instance (as OSGeo-board is doing - <https://www.loomio.org/g/kdSmlwxu/osgeo-board>)

Conclusion: create PDFs of the Google Docs to put on the wiki (if possible) or the website →
Tim will ask someone from Kartoza

Update: 2021-10-05 unfortunately this approach does not work /
<https://github.com/qgis/QGIS/wiki#psc-meetings> is not up to date

Update 2022-02-01 Anita: I ping Tim every once in a while to update the lis