

Anuket Weekly Technical Discussions - 2023.10.25

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Participants

- [Cedric Ollivier](#)
- [Gergely Csatri](#)

Antitrust policies

- [Linux Foundation Anti-Trust Policy](#)
- [GSMA Anti-Trust Policy Notice](#)
- Recorded Policies:
 - <https://zoom.us/rec/play/uMAuluyogG43EtWS4QSDAf4oW9XsKP2s1CQW-fYNzxu3VSiGN1L3Z7YSNOX-H7MYUyogBulNABoVavXq?autoplay=true&startTime=1589371628000>

Anuket Specifications in RTD and repo split

Anuket aims to produce GSMA documents per stream also rendered by Readthedocs (RTD).

- all stream documentations should be standalone and published both in HTML to RTD and in DOCX/PDF for GSMA
- ideally the main doc is just an umbrella listing the document per stream (note: it also contains specific documentation per stream) - **only needed for RTD and has no meaning in GSMA**
- all RST could be on the same git tree as every RTD project settings redefined setup.py and conf.py which were in their specific dirs - **but RTD dropped this capabilities**
- **we now have to use the .readthedocs.yaml which must be unique and under root**

Splitting the git tree is the only solution which doesn't diverge to our RTD+GSMA targets

- only managing local builds via tox wouldn't help having the documentation on RTD
- having a single documentation project would diverge from our GSMA target and would ask for many many manual editing of the GSMA documents. **it would be such a regression compared for GSMA NG133**

Pros/Cons splitting the git repo as it was discussed mostly from the beginning

- Pros: it has been done in minutes by [Cedric Ollivier](#) by keeping the full history of the projects
- Pros: it fixes our current doc issues! and without any change in our documentation
- Pros: it will help fine tuning the git rights according to the contributions per stream (and not falsy globally as today)
- Cons: it will ask to publish the right change in the right repo and to create several PRs for overall changes (theme, tox version, etc.) - Nothing compared to Anuket renaming, to the wiki and Jenkins issues after DNS changes and software updates

Here are some useful links which would have led the discussions:

- <https://lists.anuket.io/g/anuket-tsc/message/1908>
- <https://readthedocs.org/dashboard/cntt-ra1>
- <https://github.com/collivier/cntt-ra1/tree/master>

Conclusions

- We are good to split the repos if we can create a governance to keep the documentation look and feel consistent and share the burden of managing the repos

Anuket CI/CD

A few reminders:

- All Software projects represented at TSC clearly stated in favor of Gerrit+Jenkins 1 year ago
- Jenkins has been down for several months multiple times a year
- The community was unable to help because of missing Jenkins rights or credentials on the host
- Functest and Xtesting are in production. This project cannot wait CI/CD for many months
- Before Jenkins breakdown, Anuket Jobs were fully rewritten to improve the portability
- [Cedric Ollivier](#) as Anuket Gerrit stream rights as Releng committer and because of his contributions (byw +ODL Gerrit stream rights too)
- **All Job history, crucial for GSMA NG.133, was lost when switching from build.opnfv.org to jenkins.anuket.io HUGE impact to GSMA**

A few technical details:

- Multiple Jenkins can vote on the same Gerrit patchset (see Zuul in OpenStack)
- Many Jobs can even duplicated such as Xtesting integration jobs which doesn't ask for a specific SUT or a single source (ex: docker image builds)
- OPNFV has been build in a community lab spirit in which Jenkins runners or even Jenkins can be distributed in the community
- Functest has his own servers to verify it and they have been used for all the OPNFV projects since LFN servers were down
- CI/CD works now thanks to the new Jenkins and its runner maintained by Orange

Next:

- a deep analysis to which jobs should be where or even duplicated to have a safe CI/CD not only depending on unmaintained services or builders
- keep cleaning the obsolete Jenkins jobs
- remove github actions which were not asked by the software projects

Notes

- Orange Jenkins server
 - 2500 functest jobs
 - barometer
 - NFV bench
 - CNTT documentation (anuket-specs)
 - opnfvdocs
 - Vineperf
- LFN Jenkins server
 - No jobs running there
 - [Cedric Ollivier](#) can not manipulate the server, it seems to be not working
 - The plan is to use this to build redundancy of the jobs
- Workers
 - LaaS and a datacenter in Portland connected to the Orange Jenkins

AoB

- None