Telco Global API Alliance – Steering Committee

11.11.2021

Agenda

01	Welcome new participants
02	Qorum given?
03	Project governance updates
04	Sub project status
05	Working group status
06	API backlog update
07	GitHub open issues
08	AOB

Welcome new participants
DT has created a private Github repository to kick off the project

Nokia-Marc Update PARTICIPANTS.MD	677e069 20 hours ago	124 commits
APIs	Delete Specification.md	yesterday
declarations	Update file-header.txt	23 hours ago
documentation	Add files via upload	5 days ago
4-THE-REPO-OWNER.md	add initial version of compliance / health documents	last month
CODEOWNERS	Update CODEOWNERS	21 days ago
CODE_OF_CONDUCT.md	Update CODE_OF_CONDUCT.md	23 hours ago
CONTRIBUTING.md		
NOTICE		
PARTICIPANTS.MD		
ProjectCharter.md		
ProjectStructureAndRoles.md		
README.md		

6 lines (5 sloc) | 299 Bytes

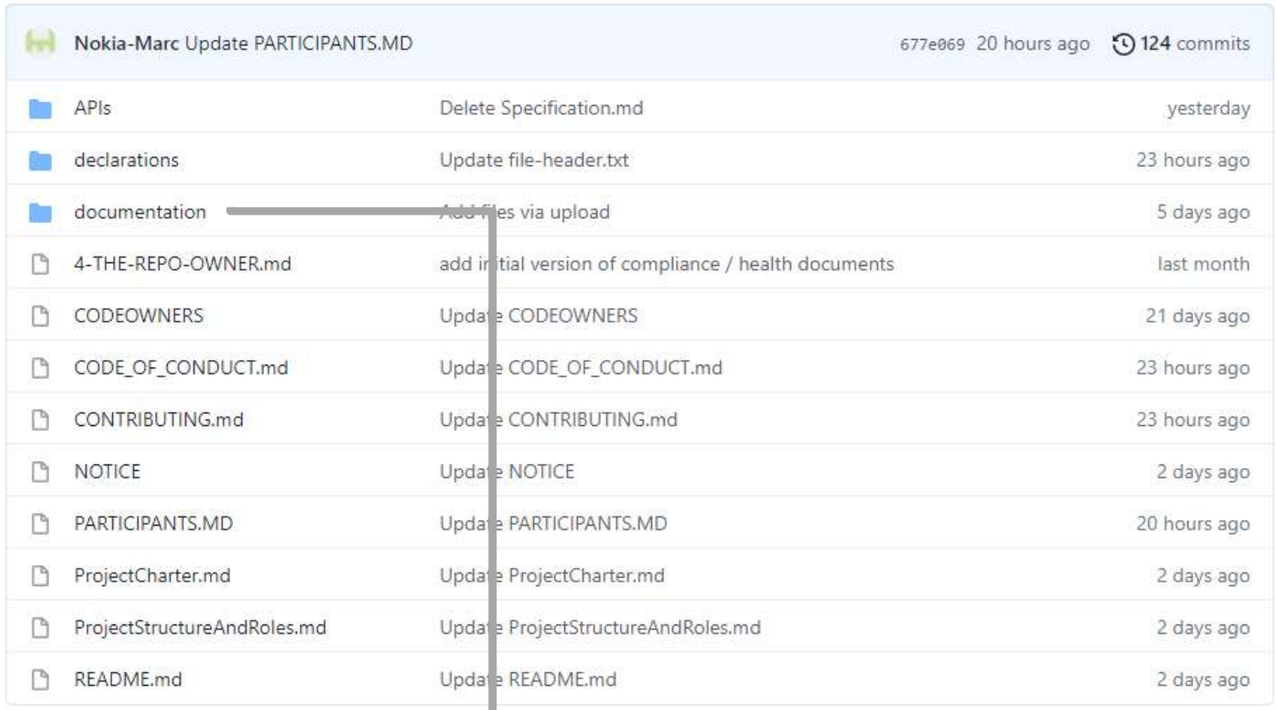
Org	Name
Deutsche Telekom AG	Nathan Rader
Deutsche Telekom AG	Markus Kümmerle
Deutsche Telekom AG	Shilpa Padgaonkar

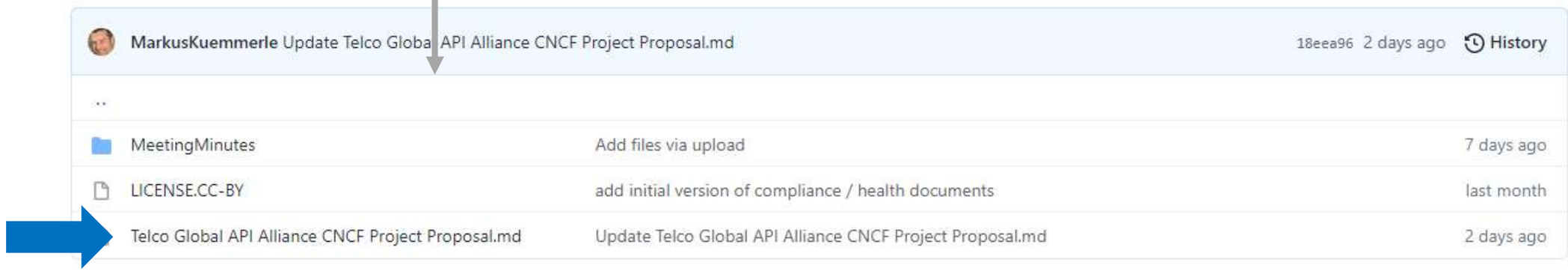
(If you need access to GitHub repository send me a short notice)

Quorum given? YES!

AT&T	Wiley Wilkins (Barry Elia)	✗
Deutsche Telekom AG	Nathan Rader (Markus Kümmerle)	✓
Ericsson	Bart van Kaathoven	✓
GSMA	Henry Calvert	✓
IBM	Jason Hunt (Zyg Lozinski)	✗
Intel	Petar Torre	✓
KDDI	Toshiyasu Wakayama	✓
Microsoft	Landon Cox	✓
Nokia	Tanja de Groot	✓
ORANGE	Sylvain Morel	✗
Telefonica	Juan Carlos Garcia	✓
TELUS	Ali Tizghadam	✗
TIM	Roberto Procopio (Fabrizio Moggio)	✓
TMUS	Lyle Bertz	✗

Project governance updates





Review the documents and provide feedback:

- Correct typos and bad grammar immediately in the files
- In case of needed content changes create a GitHub issue

Project governance updates
Current status of TOR agreement between LF and GSMA

GitHub issue #4

Question on possible add. legal license effects / fees when GSMA publishes the open source / royalty free APIs developed and documented in CNCF.
Will be clarified between GSMA and CNCF and documented in the legal statement between both organizations. Answer in advance: Code will be kept under Apache2.0, documentation under CC4. No fees expected.

GitHub issue #5

E/WBI code to also sit in LF project? All Code in LF/CNCF? E/WBI in scope of this project?
Will be clarified between GSMA and CNCF and documented in the legal statement between both organizations. Answer in advance: E/WBI will be in scope of this project.

Terms of reference between GSMA OPG subgroup and LF open source project in final review, approval expected until 17th of November.

Project governance updates Timeline

Feb 2022

MWC Official launch of the alliance

14.10.2021

Kick Off for (stealth) project

17.09.2021

Project approval

CNCF delayed but without effect on further alliance work

13.08.2021

Start project approval in LF, CNCF and GSMA

Create project proposal, Governance model, Github repository, Project name, First code

08.07.2021

Soft Kick Off

Sub project status
“Quality on Demand”

Scope:
- Service APIs for “Quality on Demand” (see APIBacklog.md)
- It provides the customer with the ability to:
  - set quality for a mobile connection (e.g. required latency, jitter, bit rate)
  - get notification if network cannot fulfill
  - NOTE: The scope of this API family should be limited (at least at a first stage) to 4G and 5G.
- Specify, develop, document and test the APIs (with 1-2 Telcos)
- Schedule: from now to end at MWC 2022
- Location: virtually

Team / Maintainers:
- DT: Shilpa Padgaonkar
- Intel: Petar Torre
- Telefonica: JOSE ANTONIO ORDOÑEZ LUCENA
- Telus: Ali Tizghadam
- Ericsson: Emil Zhang & Jan Friman

Repository (incl. first draft API spec):
- https://github.com/telekom/telco-global-api-alliance/tree/main/APIs/QualityOnDemand

Meeting minutes in the repository

Working group status “Commonalities for APIs”

Meeting minutes in the repository

Scope:
- Elaborate and list “Commonalities for APIs”
- Schedule: from now to 30.11.2021
- Location: virtually

Team / Maintainers
- Microsoft Landon Cox
- DT Shilpa Padgaonkar
- Telefonica Jose Ordonez-Lucena
- Intel Petar Torre
- Please include the names in the MAINTAINERS.MD file if you would like to join

Repository
- https://github.com/telekom/telco-global-api-alliance/tree/main/WorkingGroups/Commonalities

API backlog update

API family	Tags	Partner who intends to contribute	Description of API family	Supporting capabilities	Availability	Relevance	Priority
Quality on demand	CRA: User	DT, TELUS, TEF	It provides the customer with the ability to: • set quality for a mobile connection (e.g. required latency, jitter, bit rate). • get notification if network cannot fulfill.	• NEF (Rel-15, M) • PCF (Rel-15, M) • UDM (Rel-15, O): to store info for use in future sessions/connections	Short-term	HIGH	1

Contribution from OPAG will be included in the backlog

/APIs/APIBacklog.md created by Telefonica with few contributors so far. Tags added

Please review and add your company name if you intend to contribute

https://github.com/telekom/telco-global-api-alliance/blob/6386aa8f9c6566f98e9f7319922a689431cf7752/APIs/APIBacklog.md

GitHub open issues
GitHub private → public

GitHub issue #14

Proposal:

- Perform migration from private DT GibHub to public LF GitHub after Kick Off 14th of October.

- Ericsson raised an IPR point:
  - Code is covered by Apache2.0 – fine
  - Non-normative documentation is covered by CC4 – fine
  - How can we handle the IPR for normative documentation?
- View from DT patent lawyer: avoid IPRs by
  - Stating a clear pro-competitive goal in the project charter for “open, global, and interoperable API solutions”
  - Use of an open and transparent process for the API “standardization”
  - Be observant that there is no patent ambush by SEP holders and no market power abuse and report if any
- View from CNCF?

IPR point will be discussed offline
Migration can be done independently
(in the next days)

GitHub open issues
Scope of the project

GitHub issue #12

You're invited to detail the scope in https://github.com/telekom/telco-global-api-alliance/blob/main/SCOPE.MD

Functional scope:
- Telco APIs (clarify what are the API types during the ramp up of the project, specifically the ones exposed to customers)

Technical scope:
- Service APIs

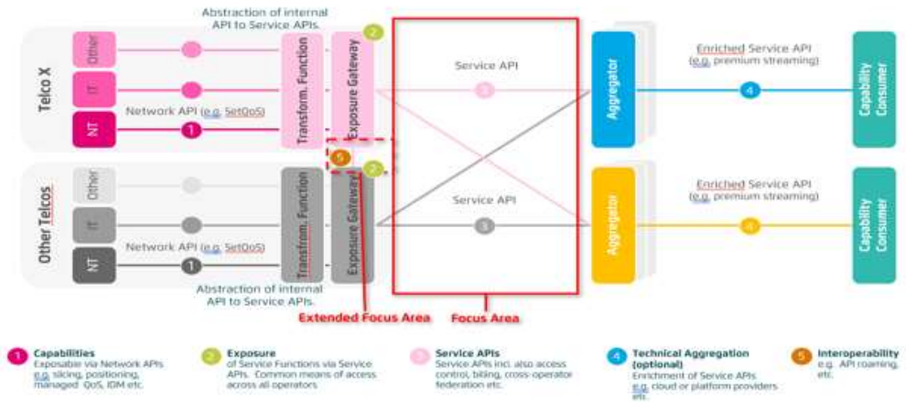
Service scope:
- Collect API requirements from GSMA OPG subgroup and other sources
- Specify service APIs and create test cases from business/customer perspective
- Implement service APIs (Reference Implementation)
- Create and perform Test Cases from Developer perspective (to show that the Service API has been implemented correctly)
- Create documentation for service APIs
- Test service APIs from business/customer perspective in telco network(s)
- Create reference architecture (if possible preferred solution is to refer to an existing architecture, see GitHub issue #7)

Deliverables
- Service API code and documentation
- Test Cases and tools
- Reference architecture

GitHub open issues
Scope of the project

GitHub issue #12

Decide on whether mediation layer (transformation function + exposure gateway) should be within the scope of TGA or not.



Think about solution, comment the GitHub issue, form your opinion until next steering committee meeting

TEF's position:

- Mediation layer should be within the scope, and deployed as a platform. It allows getting service APIs deployed, and communicates with network APIs offered by the vendor solution.
- Without this platform, 1) there is no way to perform the translation from (low-level) network APIs to (intent-based) service APIs; 2) it i difficult to apply the essential principles of validation (i.e. replicability, reproducibility) in different telco networks.
- Have an solution integrator onboard, to develop this platform.

DT's position:

- Mediation layer should be out of the scope (see figure from the current ToR draft version).
- Transformation function is a differentiationg element, each telco should be free to implement an API in its own way (for competition/antitrust reasons):
- Telco networks are different, have different toplogy and use different vendors, so it's difficult to develop a 'standard transformation function'.

#RECONNECT

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GitHub open issues
Scope of the project

GitHub issue #12

Closed

Decision in the steering committee:

- The Service APIs (incl. mapping tables for the attributes to the SBI APIs if useful) are in scope of the project and in scope of the „standardization“
- The transformations functions (business logic that calls the SBI APIs, transforms the data and provides the function for the Service APIs) are in scope of the project as example / reference implementations, but not in scope of the „standardization“
- So each Telco can implement the transformation function in the best manner considering the own network topology and vendors, and can use the reference implementation as an orientation

GitHub open issues
Reference architectures

GitHub issue #7

As discussed in last call. Telefonica provided file with reference architectures. Please review and provide feedback.

"This issue is to check if the team agrees on the architecture(s) to be used as a reference. The initial proposal is to use the (1) ITU-T Cloud Reference Architecture; and 2) TMF Network as a Service framework.
We do not pretend to include architecture work of the project (that we understand should be focusing on developing the APIs) but to understand (and hopefully agree) on the context for such APIs, helping operators and technology providers that may be willing to include these APIs in their products.

The attached PPT provides a quick overview of the reference architectures and presents a proposal for linking the different API families with them. We'd like to know the view of the rest of participants."


AOB