Telco Global API Alliance – Steering Committee

28.10.2021

Agenda

01	Welcome new participants
02	Qorum given?
03	Project governance updates
04	Alliance and project name
05	Sub project status
06	Working group status
07	API backlog update
08	GitHub open issues
09	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

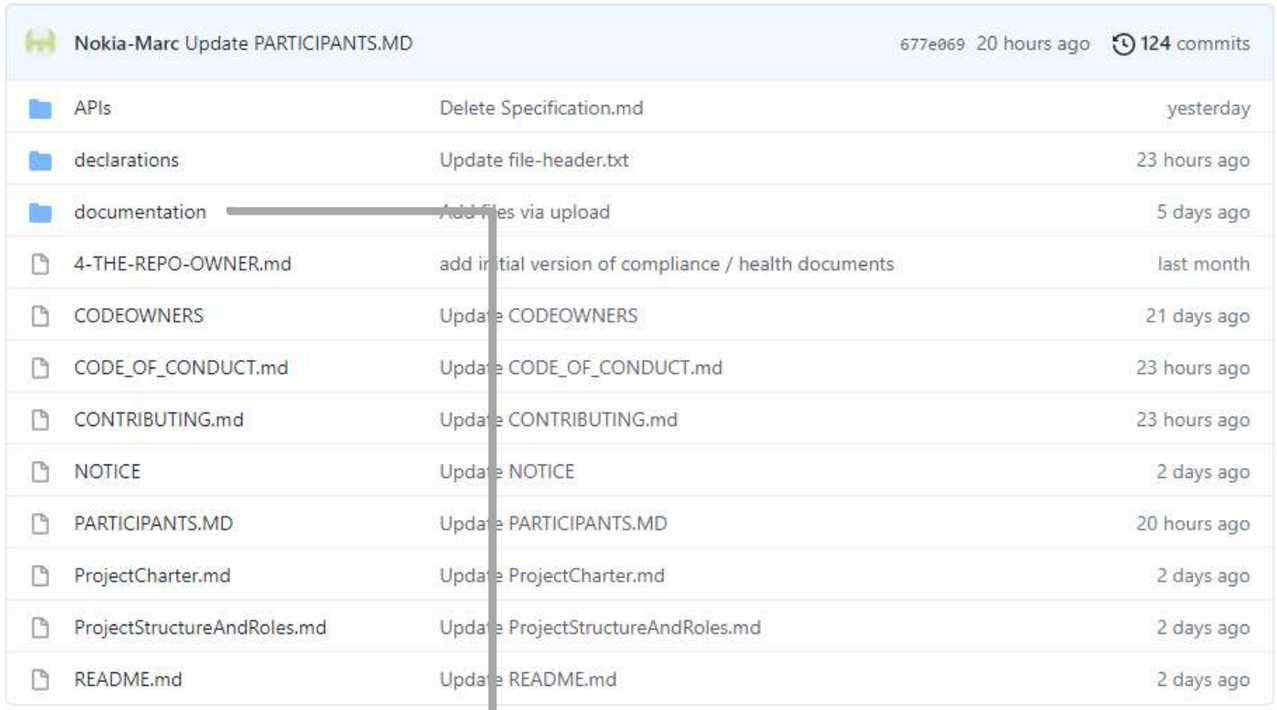
Org	Name
Deutsche Telekom AG	Nathan Rader
Deutsche Telekom AG	Markus Kümmerle
Deutsche Telekom AG	Shilpa Padgaonkar

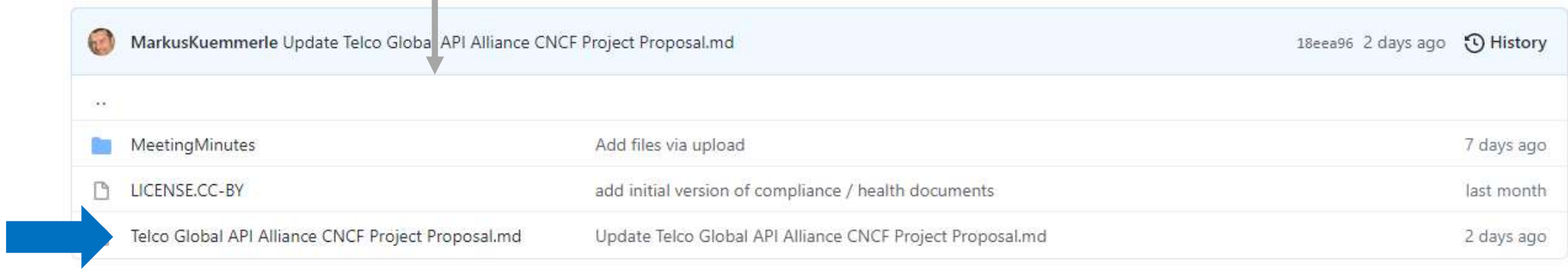
(If you need access to GitHub repository send me a short notice)

Quorum given? YES!

Deutsche Telekom AG	Nathan Rader	✗
Telefonica	Juan Carlos Garcia	✓
Intel	Petar Torre	✓
Nokia	Tanja de Groot	✓
TIM	Roberto Procopio	✓
Microsoft	Landon Cox	✓
TELUS	Ali Tizghadam	✓
GSMA	Henry Calvert	✗
TMUS	Lyle Bertz	✗
ORANGE	Sylvain Morel	✓
AT&T	Wiley Wilkins	✗
Ericsson	Jan Friman	✓
IBM	Jason Hunt	✓

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 in the next days.

Project governance updates
Change of project description to avoid antitrust issues

GitHub issue #11

Please review by your legal teams and provide feedback until next meeting

We propose to change the 4th bullet point of the project description:

Initial Chapter

Accelerate commercial adoption
- Create awareness around use cases and services.
- Minimize implementation effort though easy-to-consume Service APIs.
- Foster the development of distribution channels to increase customer reach.
- Integrate the APIs in relevant developer's environments and ecosystems.
- Provide customer service and support.

Decided

Proposed modifications

Enhance customer adoption
- Create awareness around use cases and services.
- Minimize implementation effort though easy-to-consume Service APIs.
- Foster the APIs integration in relevant developer's environments and ecosystems.
- Provide customer service and support for the design phase and experimentation.

We further propose to add these sentences at the end of the project description:

How each operator monetize the API is completely out of the scope of the project. Implementation is still on the operator responsibility. Only scope of the Telco Global API Project is how APIs are designed or consumed technically.

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

Alliance and project name
Current name suggestions (result of vote)

GitHub issue #8

NEX-O	4
Camara	2
networkapi	2
Network API Alliance	2
Bitfrost	1
Telco Global API Alliance	1
Global Telco API Alliance	1
Kamera	1

Deutsche Telekom AG	Nathan Rader	✖
Telefonica	Juan Carlos Garcia	NEXO → Camara
Intel	Petar Torre	Camara
Nokia	Tanja de Groot	Camara
TIM	Roberto Procopio	Nexo
Microsoft	Landon Cox	Nexo
TELUS	Ali Tizghadam	Camara
GSMA	Henry Calvert	✖
TMUS	Lyle Bertz	✖
ORANGE	Sylvain Morel	NetworkAPI
AT&T	Wiley Wilkins	✖
Ericsson	Jan Friman	Telco Global API Alliance
IBM	Jason Hunt	Camara, with sub title

We propose two step approach. First collect name proposals. Second create a poll and vote. Please add propose a name and discuss in GitHub issue #8.

In the next steering board we intend to decide.

CAMARA

The Telco Global API Alliance

Decided

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

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”

Contribution from Telefonica
(API lifecycle and support tool)
Slide deck in the repository

Scope:

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

Team / Maintainers

- Please include the names in the MAINTAINERS.MD file

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

/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 would like to check first – Feedback will be provided until Monday 18th of October

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

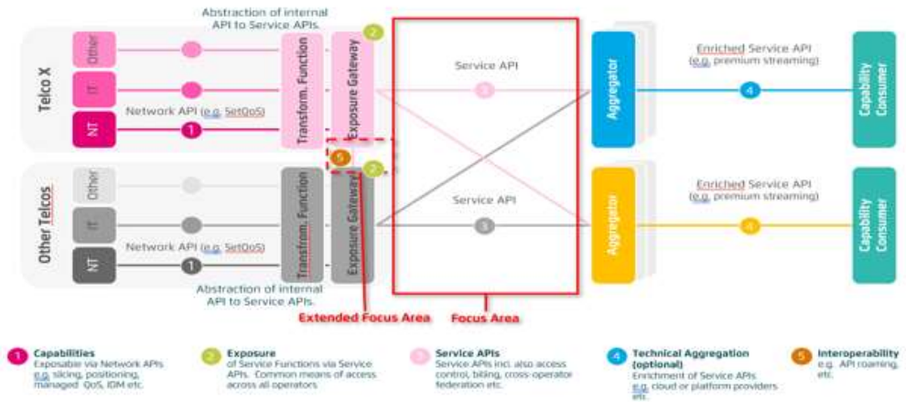
Service scope:
- Collect API requirements from GSMA OPG subgroup and other sources
- Specify service APIs and create test cases from business/customer perspective
- Implement service APIs (Reference Implementation)
- Create and perform Test Cases from Developer perspective (to show that the Service API 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.



To Do...

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

10 | Telefónica

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