Telco Global API Alliance – Kick Off

14.10.2021

Agenda

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Timeline

Feb 2022
MWC Official launch of the alliance

14.10.2021
Kick Off for (stealth) project

17.09.2021
Project approval

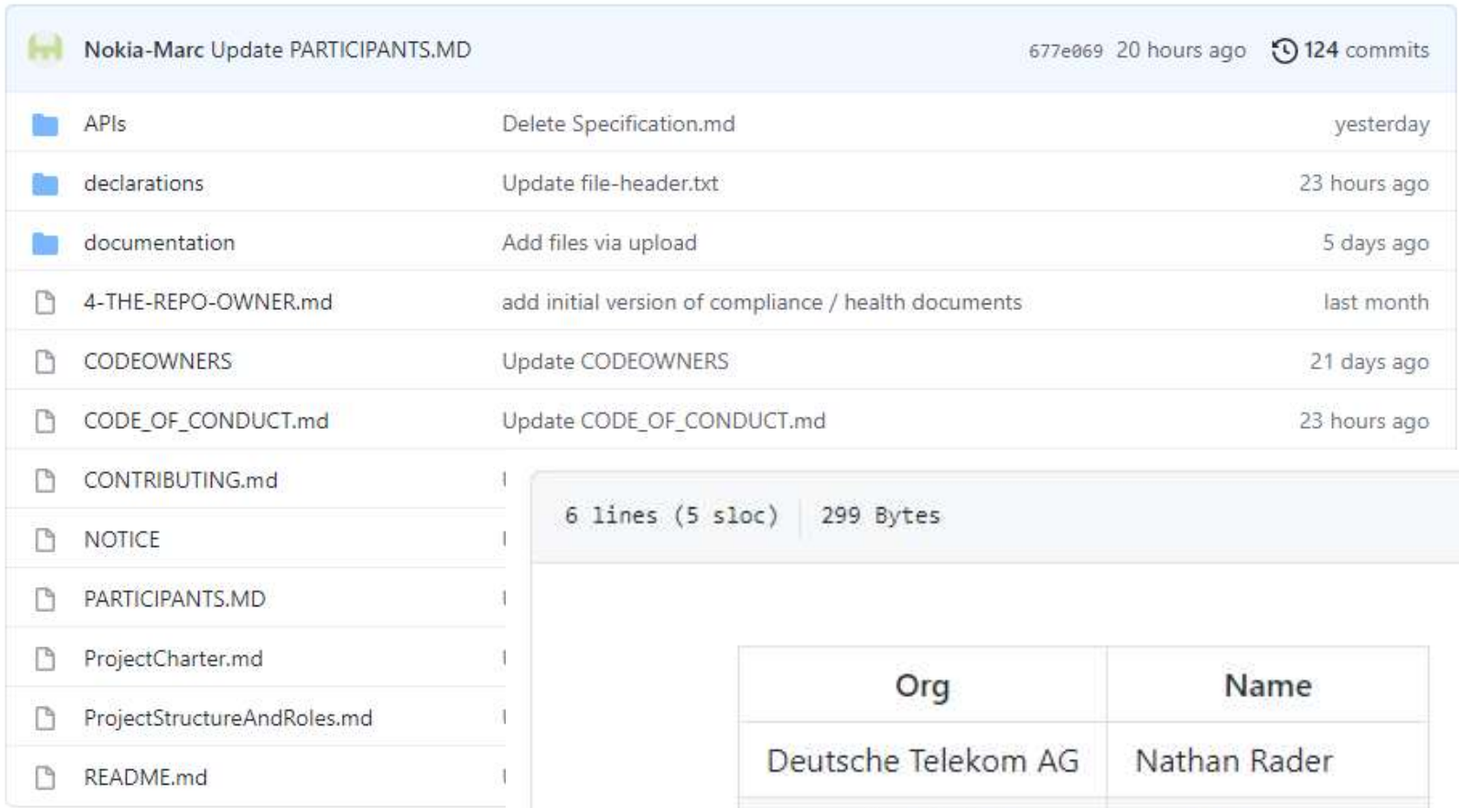
CNCF delayed but without effect on further alliance work

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

GitHub & participate in the alliance -
DT has created a private Github repository to kick off the project



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)

Name the alliance
Current name suggestions (result of vote)

GitHub issue #8

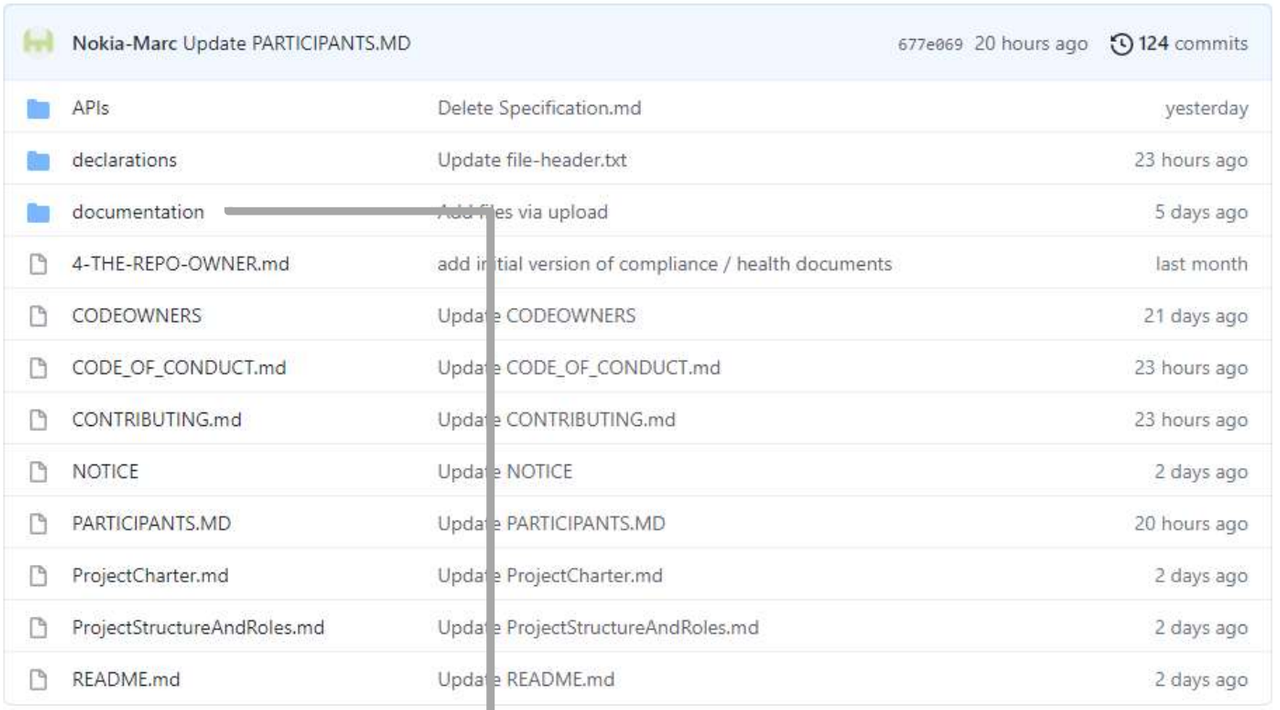
NEX-O	4
Camara	2
networkapi	2
Network API Alliance	2
Bitfrost	1
Telco Global API Alliance	1
Global Telco API Alliance	1
Kamera	1

NEX-O	**4**
NetworkAPI	**4**
Camara	**3**
TelcoGlobalAPI	2
Bitfrost	1

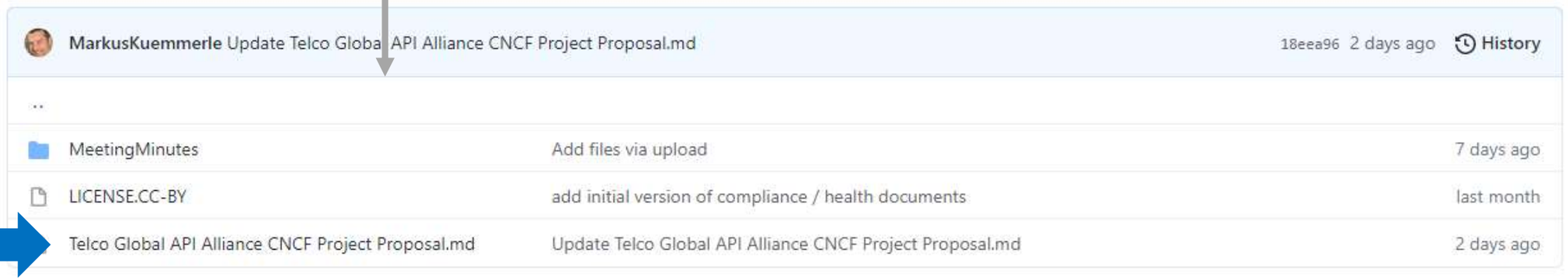
We propose two step approach. First collect name proposals. Second create a poll and vote. Please add propose a name and discuss in GitHub issue #8.

In the next steering board we intend to decide.

Governance documents



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	Update CONTRIBUTING.md	23 hours ago
NOTICE	Update NOTICE	2 days ago
PARTICIPANTS.MD	Update PARTICIPANTS.MD	20 hours ago
ProjectCharter.md	Update ProjectCharter.md	2 days ago
ProjectStructureAndRoles.md	Update ProjectStructureAndRoles.md	2 days ago
README.md	Update README.md	2 days ago

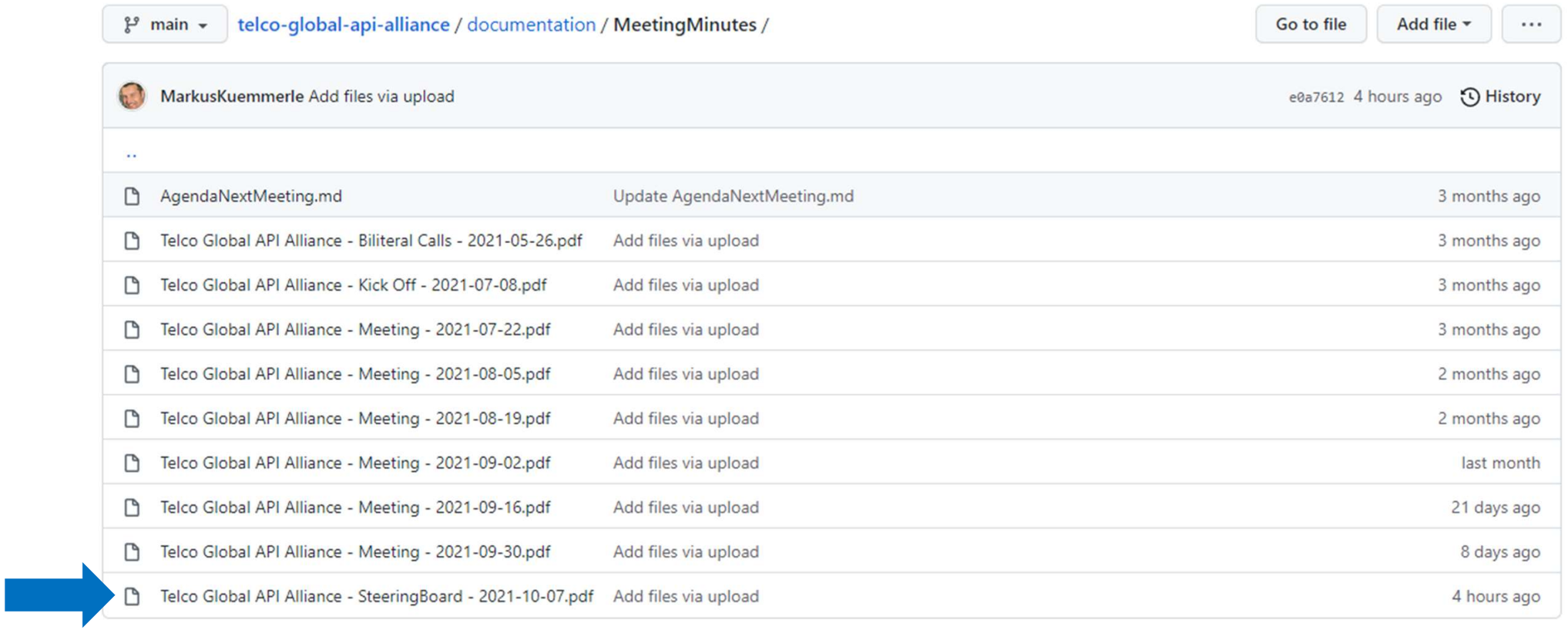


MarkusKuemmerle Update Telco Global API Alliance CNCF Project Proposal.md	18eea96 2 days ago	History
..		
MeetingMinutes	Add files via upload	7 days ago
LICENSE.CC-BY	add initial version of compliance / health documents	last month
Telco Global API Alliance CNCF Project Proposal.md	Update Telco Global API Alliance CNCF Project Proposal.md	2 days ago

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

Steering board decisions



main / telco-global-api-alliance / documentation / MeetingMinutes / — Go to file — Add file

MarkusKuemmerle Add files via upload — e0a7612 4 hours ago — History

..		
AgendaNextMeeting.md	Update AgendaNextMeeting.md	3 months ago
Telco Global API Alliance - Biliteral Calls - 2021-05-26.pdf	Add files via upload	3 months ago
Telco Global API Alliance - Kick Off - 2021-07-08.pdf	Add files via upload	3 months ago
Telco Global API Alliance - Meeting - 2021-07-22.pdf	Add files via upload	3 months ago
Telco Global API Alliance - Meeting - 2021-08-05.pdf	Add files via upload	2 months ago
Telco Global API Alliance - Meeting - 2021-08-19.pdf	Add files via upload	2 months ago
Telco Global API Alliance - Meeting - 2021-09-02.pdf	Add files via upload	last month
Telco Global API Alliance - Meeting - 2021-09-16.pdf	Add files via upload	21 days ago
Telco Global API Alliance - Meeting - 2021-09-30.pdf	Add files via upload	8 days ago
Telco Global API Alliance - SteeringBoard - 2021-10-07.pdf	Add files via upload	4 hours ago

See slide deck in the GitHub repository

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 negotiation, signature expected until 19th of October.

Start first sub project “Quality on Demand”

Started

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

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

Start first working group “Commonalities for APIs”

Started

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

First ideas for API contributions

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

Future meeting structure

Will be decided by vote

Proposal:

- Steering Board:
  - Bi-weekly virtual meeting Thu 5pm-6pm CEST (April to October), 5pm-6pm CET (November to March); starting 28th of October
  - Public, all participants of the previous meeting serie were invited
  - Only named steering board members are entitled to vote

- Sub projects:
  - Periodic virtual meeting scheduled by maintainers

- Working Groups:
  - Periodic virtual meeting scheduled by maintainers

Please insert a blocker in your calender for the bi-weekly steering board, invitation is send immediately after vote has reached the majority.

Regulation for stand-in

GitHub issue #13

Add the following sentences to the project charter:

A member of the steering board can – in case of absence or unavailability - send a representative as stand-in. The steering board has to be informed before a representation including the duration of it.

To avoid much changes in the steering board each member shall name a default stand-in.

Will be decided by vote

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

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.

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.

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 issues

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."

Q&A