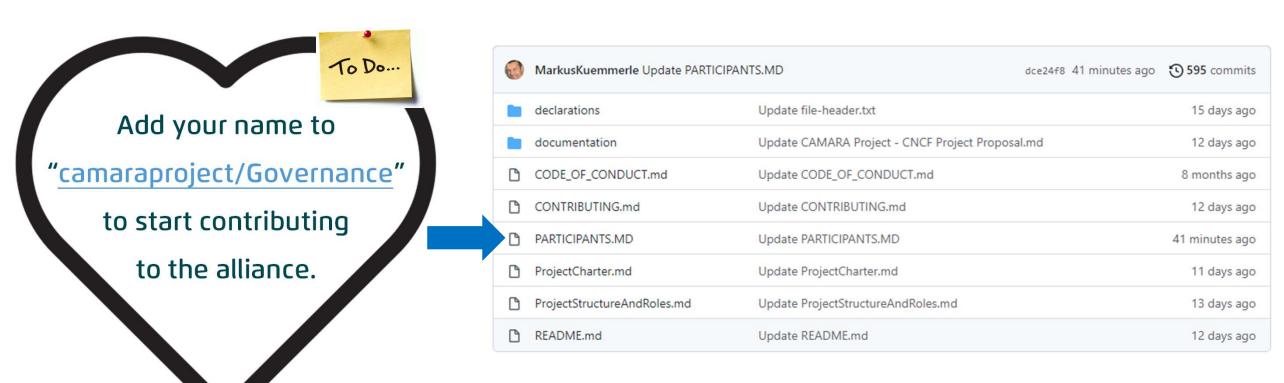


Agenda

01	Welcome new participants
02	Qorum given?
03	Project governance updates
04	Sub project status
05	Working group status
06	Proposals for API sub projects
07	AOB

Welcome new participants Public Github repository for CAMARA project



- 1. Ensure that your email address is documented in your GitHub profile so that we can add you to the mailing list
- Insert your name in the PARTICIPANTS.MD file and create a GitHub pull request

Quorum given? Yes

Janine Grasso (Miguel Carames, Kevin Smith)	/
Wiley Wilkins (Barry Elia)	*
Shamik Mishra	/
Nathan Rader (Markus Kümmerle)	/
Bart van Kaathoven (Jan Friman)	/
Sridhar Gollapudi	×
Henry Calvert	/
Jason Hunt (Zyg Lozinski)	*
Petar Torre	/
Philip Lintell (Ralph Page)	/
Toshiyasu Wakayama	/
Landon Cox	/
Chris Jones (Tanja de Groot)	/
Sylvain Morel	×
David Lee	/
Lyle Bertz	/
Roberto Procopio (Fabrizio Moggio)	*
Juan Carlos Garcia (Jose A Ordonez Lucena)	/
Ali Tizghadam (Shalin Hudda)	/
Johanna Wood	/
	Wiley Wilkins (Barry Elia) Shamik Mishra Nathan Rader (Markus Kümmerle) Bart van Kaathoven (Jan Friman) Sridhar Gollapudi Henry Calvert Jason Hunt (Zyg Lozinski) Petar Torre Philip Lintell (Ralph Page) Toshiyasu Wakayama Landon Cox Chris Jones (Tanja de Groot) Sylvain Morel David Lee Lyle Bertz Roberto Procopio (Fabrizio Moggio) Juan Carlos Garcia (Jose A Ordonez Lucena) Ali Tizghadam (Shalin Hudda)

Project governance updates

MarkusKuemmerle Update PARTICIPAN	TS.MD dce24f8 41 minutes ago	595 commits
declarations	Update file-header.txt	15 days ago
documentation	Update CAMARA Project - CNCF Project Proposal.md	12 days ago
CODE_OF_CONDUCT.md	Update CODE_OF_CONDUCT.md	8 months ago
CONTRIBUTING.md	Update CONTRIBUTING.md	12 days ago
PARTICIPANTS.MD	Update PARTICIPANTS.MD	41 minutes ago
ProjectCharter.md	Update ProjectCharter.md	11 days ago
ProjectStructureAndRoles.md	Update ProjectStructureAndRoles.md	13 days ago
README.md	Update README.md	12 days ago

Review the documents and provide feedback:

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

To Do ...

Project governance updates **CAMARA** website available



Eugos

Logos

Lo

https://camaraproject.github.io/index.html

Project governance updates CAMARA mailing list

A mailing list for CAMARA is now implemented. Please accept the invitation! 100 Down



In a second step then we are able to create additional lists for the steering committee, and

one for each sub project and each working group.

From: Group Notification <all+invite+3548748879367962721+4509890@lists.camaraproject.org>

Date: Tuesday, July 5, 2022 at 12:49 PM

To: Rader, Nathan < Nathan.Rader@telekom.de>

Subject: [all] Invitation to join the all@lists.camaraproject.org group

Hello,

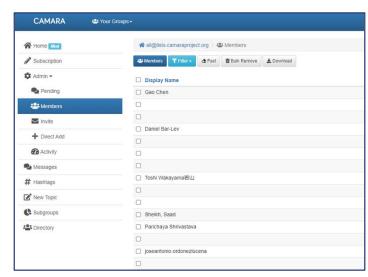
You have been invited by Markus Kuemmerle to join the Camara Project group all@lists.camaraproject.org.

If you have questions about this invitation, send them to all+owner@lists.camaraproject.org.

To accept the invitation, please reply to this email, or you may accept the invitation on the website. This link will expire in 14 days, on 07/19/2022 at 10:48am UTC.

If you are not interested, or if Nathan.Rader@telekom.de is not your email address, please ignore this email.

The Camara Project Team



Project governance updates OPAG representation of CAMARA



Nomination of candidates until next meeting:

Please include your proposals here:
https://github.com/camaraproject/rep_main/blob/main/documentation/MeetingMinutes/OPAG_Representation.md



Project governance updates MWC Las Vegas – With CAMARA personal event?

MWC Las Vegas 2022



September 28-30, 2022

Start: Wednesday 28 September

2022 09:00

End: Friday 30 September 2022

17:00

Venue: Las Vegas Convention

Center

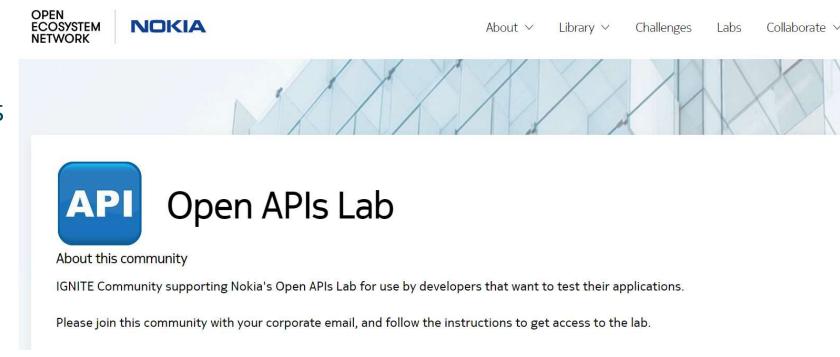
Location: Las Vegas

Nokia Open APIs Lab

Nokia makes its Open APIs Lab community and its underlying Open5GLab accessible to CAMARA participants for testing the CAMARA API reference implementations

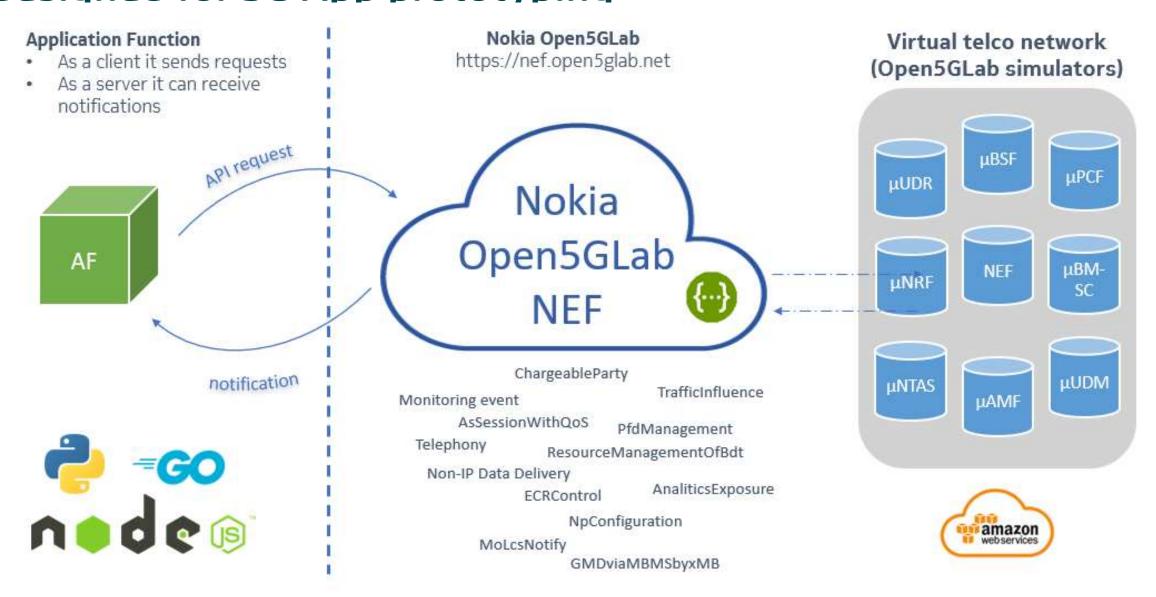
This Community provides

- Lab information
- Registration for 5G Lab access
- API specifications
- Sample code



We will open up the registration shortly.

Nokia's Open5GLab (in Open APIs Lab community) - designed for 5G App prototyping



Open APIs Lab APIs, Lab and sample code access

APIS

To see the APIs click the button.

NOTE: to switch to another API, you can select it using the top right selector box once you are on the API page

See the API specs

API access

You can find details of the available APIs above, but the real fun begins when you register for our NEF running on the cloud on top of a simulated 5G Core network and start to experiment.

- Try the APIs without writing a single line of code.
- Run your own app using the simulated network.

Register by clicking the button to get the credentials allowing your application to access the NEF APIs.

In the registration email, please provide your team or organization name, your purpose for accessing the lab and, most importantly, your application short name, e.g. "app123".

Get API key </>

Sub project status "Quality on Demand"

GitHub issue #12

GitHub issue #7

GitHub

issue #13

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 30.06.2022
- Location: virtually

Team / Maintainers:

- DT: Shilpa Padgaonkar, M. Jarzab, M. Sozanski, N. Wirzius, F. Dsouza
- Intel: Petar Torre, Francesc Guim
- Telefonica: José Antonio Ordoñez Lucena
- Telus: Ali Tizghadam
- Ericsson: Emil Zhang, Jan Friman, Joachim Dahlgren
- KDDI: Toshi Wakayama
- Orange: Sylvain Morel, Patrice Conil, Julien Giannandrea
- Vodafone: Eric Murray, Kevin Smith, Ivan Nieto
- BT : Milan Lalovic (OPAG observer)



Sub project status "Quality on Demand"

Deliverable	Required/Optional (R/O)	Current status
API Definition	R	Done Estone
API doc/user stories/testcases	R	Commonalities' relevant templates have been delivered Internal DT review completed QoD API (User Story + 2 API's doc) Pull requests on GitHub
Implementation	R	 Code refactoring ongoing (adaption to Nokia NEF and ensure that it follows open source rules), contribution until end of July
API Reviews and extensions		 Issue #13: Enhance QoD API with "Flow Description" already defined in 3GPP NEF Discussed in community and DT organization Based on agreement further decisions/steps will be defined

Sub project status "Edge Cloud"

GitHub issue #14

Scope:

- Service APIs for "Edge Cloud" (see APIBacklog.md)
- A (family of) APIs providing the customer with the ability to:
 - Onboard and manage application images to be deployed on resources within the operator network.
 - Use reserved compute resources within the operator network for the deployment of applications on VMs or containers
 - NOTE: The scope of this API family should be limited (at least in the short term) to 4G and 5G.
- Describe, develop, document and test the APIs (with 1-2 Telcos)
- Schedule: from now to 31.12.2022
- Location: virtually (Tue, 16-17 CET/CEST)

Team / Maintainers:

- Broadpeak: Tuan Tran, Christoph Neuman
- Capgemini: Deepak Gunjal
- DT: Yamina Kelm, Shilpa Padqaonkar
- GSMA: Tom Van Pelt, Mark Cornall
- Intel: Larry Horner
- KDDI: Toshi Wakayama
- MSFT: Landon Cox

- Nabstract: Babu
- Orange: Alexandru Ciinaru, Sylvian Morain
- Scenera: Andrew Wajs
- TEF: Aure Martinez, Alex Harmand, Jose Ordonez
- in the reposition of the second of the secon TIM: Fabrizio Moggio, Marco Signorelli, Raffaele P.
- VF: Eric Murray
- 5GFF: Kevin, Senthoor, Brett, Syed, Mashesh, Raghuram

Repository: https://github.com/camaraproject/EdgeCloud

Sub project status "Edge Cloud"

API contributions so far

API	Owner	YAML available?
MEC exposure and experience management API		
Simple edge discovery API	5GFF	Y
Application Artifacts Management API		N
Application Provider Resource Management API	Capgemini, DT, Orange,	
Application Onboarding Management API	TEF, TIM	
Application Instance Lifecycle Management API		
Code of former MobiledgeX (planned)	Open Source	Υ

Next steps

- Providing YAML files for the last four APIs.
- Looking for synergies and touchpoints between APIs, avoid redundancy / overlappings
- Elaborate on user stories following 'user story template' agreed in Commonalities WG.

Working group status "Commonalities for APIs"

Scope:

- Work out "Commonalities for APIs"
- Schedule: from now to end of 2022
- Location: virtually

Team / Contributors:

- DT: Shilpa Padgaonkar, Mariusz Sozanski
- Telefonica: Jose Ordoñez-Lucena, Ruben Barrado Gonzalez
- Intel: Petar Torre, Francesc Guim
- Ericsson: Jan Friman, Miguel A. García-Martín
- KDDI: Toshi Wakayama
- Orange: Sylvain Morel, Olivier Mathieu
- TIM: Fabrizio Moggio
- Vodafone: Kevin Smith, Eric Murray, Ivan Nieto
- AT&T: Shahram Mohajeri
- GSMA: Faisal Zia, Tom van Pelt, Mark Cornall
- Accenture: Adriano Poloni, Giuseppe Di Nuccio
- Broadpeak: Christoph Neumann

Repository

https://github.com/camaraproject/WorkingGroups/treg/main/Commonalities



GitHub losed issue #1

GitHub issue #3

GitHub issue #4

GitHub issue #8 GitHub issue #10

GitHub issue #26

GitHub issue #31

GitHub issue #32

GitHub issue #33

Working group status "Commonalities for APIs"

Deliverable	Format	Main Contributor	Current status
User story template	Word	Telefónica	Review closed Document accepted
API documentation template	Markdown	DT	Review closed Document accepted
API readiness minimum criteria checklist	Markdown	All	Review closed Document accepted
General principles doc (Incl. software engineering process)	PDF => Markdown	Telefónica All	Update in progress
Authentication and Authorization concept doc	Markdown	DT E///	Review closed Document accepted
Testing principles doc	Markdown	DT	Draft to be uploaded
Exposure gateway reference solution doc	Word	Telefónica	Review closed Document accepted
Standard resource description doc (Glossary)	Markdown	All	Document template Added
NEF reference solution	Source code	Nokia	First solution made available for initial testing by Nokia.
Dedicated portal instance for Camara	Platform	Telefónica	Requirements documented Decision to be taken

Working group status "API Backlog"

Scope:

- Defining and maintaining the list of APIs to be developed in CAMARA
 - API information include 1) API owner, 2) usability on selected use cases, 3) rough list of
 - Backlog elaborated based on: 1) OPAG priorities for the NBI and 2) CAMARA contributors
 - Journey from "API backlog WG" to "API family WG" captured in the next slide.
- Schedule: from now to 31.12.2022
- Location: virtually (bi-weekly, Thu, 15-16 CET/CEST)

Team / Contributors

- Deutsche Telekom: Noel Wirzius, Marcin Jarzab
- Ericsson: Jan Friman, Miguel Garcia
- KDDI: Toshi Wakayama
- Scenera: Andrew Wajs
- Telefonica: Jose Ordonez-Lucena, Rubén Barrado González
- Vodafone: Kevin Smith, Eric Murray, Ivan Nieto

Repository

https://github.com/camaraproject/ WorkingGroups/tree/main/APIBacklog



GitHussey issue #2

GitHub issue #12

GitHules

GitHu issue #20

GitHules

GitHub issue #29

issue #21

GitHu Gitl

GitHub

issue #30

issue #43

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issue #44

issue #45

GitHub issue #47

GitHub

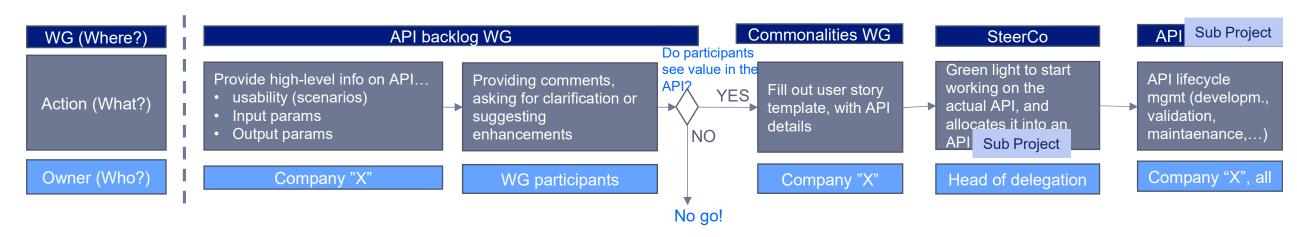
issue #48

Working group status "API backlog"

APIs in discussion

API	Owner	Github Issue
Request Network Status Traffic API	Scenera	#29
Roaming status API	Vodafone	#43
Device Identifier API	Vodafone	#44
Anonymised Subscriber Identifier API	Vodafone	#45
Device Prioritization in WiFi API	TEF	#48

Journey from "API backlog WG" to "API family WG"



Proposals for API Sub Projects

DT would like to start working on another 2 API families:

- Device status: This API checks if a device is losing connection to the network or gets reachable again, and the roaming status.
- Device location: This API checks the location of a device.

Decision of Steering Committee needed to implement another 2 Sub Projects in the CAMARA repository.

All partners are invited to join these activities.



Proposals for API Sub Projects





Telus will send a proposal/contribution for

- Sovereign route
- Emergency response API family
- Edge Cloud APIs

