

GXFS Tech Workshop – 15-16 March 2023, Berlin

Day 1 - Technical Components and Exercises

9:00–10:30 Presentation Components Identity & Trust

90 min

- Welcome & expectations for the Workshop
- Overview technical GXFS components and background about the toolstack
 - Organisation Credential Manager (OCM)
 - Personal Credential Manager (PCM)
 - Trust Service API (TSA)
 - Authentication Authorization Service (AAS)
 - Notarisation
- Q&A

10:30–11:00 Coffee break

30 min

11:00 – 13:00: GXFS Playground – Identity & Trust

120 min

Exercises in the live environment

- How do I use PCM & OCM?
- How do I use Trusted Services API and how do I create policies?
- How do I implement the registration using credentials with the AAS?

13:00 – 14:00 Lunch

60 min

14:00 – 16:00 Presentation Components Self-Description and Catalogue

120 min

- Overview of the technical GXFS components and background about the toolstack
 - Catalogue
 - Self-Descriptions (SD)
 - SD Creation Wizard
- Q&A

GXFS Playground – Self-Description and Catalogue

Exercises in the live environment

- How do I write an SD so that the Catalogue in its current shape accepts it?
- How do I upload an SD in the Catalogue?
- How do I query the claims contained in an SD?

16:00 – 16:30 Coffee break

30 min

16:30 – 18:00

GXFS Playground – Self-Description and Catalogue

60 min

Exercises in the live environment (continued)

Learnings & Discussion Day 1

30 min

18:00 End Workshop Day 1



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Day 2 – Use Cases & Hackathon

9:00 – 10:30 Use Cases

90 min

- Welcome & Recap Day 1
- Presentation of tasks and forming of groups by domains
- Group work at the Whiteboard
 - a) Discuss concrete use cases and requirements from your projects.
 - b) Select one use case from your group that would work best to jointly develop a GXFS-based architecture along different domains in the next 3 hours!

10:30 – 11:00 Coffee break

30 min

11:00-12:00 Pitches & Hack Preparation

60 min

Pitches by the groups & voting of top use cases

- New groups form based on predetermined domains (e.g. Login, Credentials, PCM, Catalogue & SD, Signatures, UI)
- Preparation for hacking in groups

12:00 – 13:00 Lunch

60 min

13:00 – 16:00 Hackathon

180 min

- Hackathon/Implementation Winnerpitch (3 Hours)
 - Task: Build the architecture based on GXFS components in your domain for the top use case!

16:00 – 17:00 Conclusion

60 min

- Recap - Hackathon Results
- Q&A and discussion
- Closing, Feedback & Next Steps

17:00 End Workshop Day 2