EUCloudEdgelIoT.eu

TASK FORCE 1
The task force
• “Liaising with EU Alliances towards Open Ecosystem”
• Lead by Paolo Azzoni and Jerker Delsing, Inside Industry Association (formerly Artemis-IA)
• Participants are TRUST, VDI/VDE and TRIALOG
• One of 6 Task forces

Taskforce role and topics
• Liaising with EU based Alliances towards Open Ecosystem
• Management of interactions with AIOTI/ECS/GAIA-X/Eclipse/etc.
• Sharing of academic and technological outputs – common publications/conference papers
Our objective is to:
• Liaison with EU initiatives (organisations and alliances) involved in the Edge-to-Cloud continuum
• Identify actors shared between the initiatives in EU
• Identify of a common ground for the computing continuum
• Share and promote the results of the strategic analysis

To reach our objectives, we intend to:
• Organise meetings and workshops
• Cooperation with UnlockCEI
  • Identification/definition of common objectives
  • Monthly synchronisation
• Produce a whitepaper
WILL YOU JOIN OUR TASKFORCE?
We are looking for members to join our taskforce!

Why join?
• Expand and strengthen your network of peers within Europe
• Help shape the future of the Edge-to-Cloud continuum by sharing your vision

What do we expect from you?
• Quarterly meetings (optional additional meetings based on specific needs)
• Co-editing of a whitepaper and co-organisation of workshops
• You are a member of
  • management staff of organisations operating in the Edge-to-Cloud continuum,
  • technical committee, scientific councils or communication staff in this domain
• The task force will be active until December 2024
INTERESTED? OR LOOKING FOR MORE INFORMATION?

Reach out to paolo.azzoni@inside-association.eu or jerker.delsing@ltu.se
LIAISONS PRELIMINARY ANALYSIS

Plan and next steps
• Analysis currently included:
  • AIOTI
  • GAIA-X
  • FIWARE
  • TransContinuum
  • HiPEAC
  • EPOSS
  • 5G-IA & 6G-IA (SNS)
• Next step will include other EU initiatives and RIAs
  • Eclipse, Apache, European Alliance for Industrial Data, Edge and Cloud, SW Forum, etc.
NEXT STEP

- Analysis of additional initiatives
- Identification of initiative technology status
- Mapping of initiatives to Cloud to Edge continuum roadmaps’
  - Identification status vs roadmap timelines
  - Identification of white areas
- Contribution to white paper
THANK YOU FOR LISTENING!

QUESTIONS?

EUCloudEdgelot.eu is supported by the Open Continuum and Unlock CEI and both received funding from the European Union’s Horizon Europe Research and Innovation Programme under the Grant Agreement numbers 101070030 and 101070571.
TF2 – Open Source Engagement

Lead by ECLIPSE FOUNDATION (Open Continuum)

The Claridge – Brussels, Belgium | 10-11 May 2023

Concertation and Consultation on Computing Continuum: From Cloud to Edge to IoT

Organized by: Open Continuum | Supported by: Unlock CI and SWForum
Mission, objectives and goals

Objectives:
• Strategies for engaging open source community
• Successful open source launch
• Best practice, technical tools and requirements for open source
• Foster synergies across research projects
• Provide guidance on OS

MISSION
• Develop a strategy for European digital autonomy in Edge-to-Cloud through Open Source
• Contribute to the definition of a common open architecture for the computing continuum
• Promote the potential of Open Source as an innovation and collaboration driver
• Enlighten industry and research stakeholders on the benefits of a long term Open Source Strategy (OSS)
What has been done so far

- Webinar on Eclipse IoT & Edge OSS projects targeting the MetaOS cluster
- Meeting in Toulouse with the MetaOS cluster to initiate the OSS stack work
- Presentation of the TF2 during the official launch, Feb. 8.
- Initial data elaboration from the F2F meeting in Toulouse.
- Joint collaboration with TF3.
- Webinar with Linux Foundation
Who can join and how

1. Everyone
   - Who is interested in Open Source and has
     Open Source components in the project

2. Participate to the TF2 events
   - In active way: webinars, surveys, events...

3. Collaborate
   - Create a community for collaborating
     among the RAs
Team and Contact

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The Claridge – Brussels, Belgium | 10–11 May 2023

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TF3 – Architecture

Lead by ATOS (Open Continuum)

The Claridge – Brussels, Belgium | 10-11 May 2023

Concertation and Consultation on Computing Continuum: From Cloud to Edge to IoT

Organized by: Open Continuum | Supported by: Unlock CEI and SWForum
Mission, objectives and goals

Mission: Position Europe as a key player in the continuum arena.

Objectives

- Identify and categorize key building blocks according to a taxonomy
- Develop architecture descriptions that can be provided to standardisation

Goals

- Homogenise the cloud-edge-IoT terminology taking into account inputs from all actors of the continuum value chain.
- Develop a reference architecture that can be mapped with different solution ones.
- Define the European continuum landscape.
What has been done so far

- Official presentation during task forces meeting (Feb 8th)
- Different iterations of a faced taxonomy
  - Identification of key building blocks
  - Revision of current standards
- 1st Taxonomy workshop with Meta-OS projects
  - More to come with other projects
- Definition of the conceptual framework methodology for project landscaping
- Strong collaboration with TF2
  - Also with TF5
Who can join and how

**Who:** All projects are invited to participate and share their thoughts! Preferably Technical Coordinators or representatives with a technical profile.

**How:** Active participation in workshops.
Share your point of view.
Enrich your research through an open collaboration.
Contribute from your project perspective.
Team and Contact

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Gianni Dalla Torre
EGI

José Enrique Álvarez
BLUSPECS
The Claridge – Brussels, Belgium | 10–11 May 2023

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TF4 – Ecosystem Engagement

Lead by BluSpecs (Unlock CEI)

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Mission, objectives and goals

Main topics:
- Phase 1:
  - Coordination of Open Calls activities
- Phase 2
  - Scoping of commercial pilots
  - Commercial relationship development and workshops

Key objectives:
- Ensure peer-to-peer learning and sharing of resources related to Open Calls
- Enable successful engagement of SMEs and start-ups with the EU CEI
- Facilitate access to piloting collaborations and/or partnerships with commercial entities and business units

To support the engagement of external industry actors, especially SMEs for the commercial deployment of use cases and developed solutions within the MetaOS cluster and other advanced use cases.
Past and upcoming

JOIN THE CLOUD EDGE IOT
Opportunities for SMEs and Researchers
Open Calls September 2023

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MetaOS Open Calls – Round 1

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TF5 – Market and Sectors

Lead by IDC (Unlock CEI)

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Organized by: Open Continuum | Supported by Unlock CEI and SWForum
Mission, objectives and outcomes

**Mission:** Bridge the gap between demand and supply and support the projects’ solutions exploitation

**Objectives**
- Provide insights and knowledge about CEI market forecast and trends (both at sector and use-case level)
- Support the projects for the commercial exploitation of their solutions
- Identify synergies and collaboration opportunities among the projects and use-cases

**Outcomes**
- Detailed and harmonized use-cases mapping
- Collaboration tool
- Strategies for projects commercialization
- White paper/s on CEI emerging use-cases and market exploitation
What has been done so far

• TF5 Kick-off meeting (Jan 2023)
• 2 workshops with of Meta-OS use-case definition (Jan 16th and Feb 13th)
• Official presentation during task forces meeting (Feb 8th)
• 2 TF5 meetings to plan next strategic activities and next actions (Mar and Apr 2023)

Delivered outputs so far

• Use-case catalogue as a result of the first two workshops
• Collaboration tool for Meta-OS projects
• Report of the first two workshops
Next Steps

Workshop

Computing Continuum and the role of AI as a complementary technology: European market forecast and insights
24 May 203, 14:00-15:30 CET

Objectives:

- Identify key roles in the deployment of leading CEI Use Cases:
  - NEMO
  - NeulabUS

- Identify the skills (and profiles) required by eventual industry adopters of the use cases

- Support the business modelling and commercialization of projects through provision of insights for required resources skills

Webinar

A GENDA

- 14:00 – 14:30 – Welcome and Introduction – John Favaro, Trust-IT
- 14:00 – 14:20 – Artificial Intelligence and Computing Continuum: A European Perspective – TBD
- 14:00 – 14:30 – UNLOCK-CEI and EU Cloud-Edge-IoT Introduction – Golboo Pourabdollahian, IDC
- 14:30 – 14:40 – AI-SPRINT Introduction – Danilo Ardagna, Politecnico di Milano
- 14:40 – 14:55 – Insights of European demand market of Edge-IoT – John Gol, IDC
- 14:55 – 15:15 – A closer look and market analysis for AI on computing continuum – Ewa Zborowska and Jack Vernen, IDC
- 15:15 – 15:25 – Q&A
- 15:25 – 16:30 – Wrap-up and conclusion – John Favaro, Trust-IT

TF5 Session

ETSI IoT Conference 2023 (ETSI IoT Week 2023)
Team and Contact

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Contact us at:
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Objectives:

- Identify key roles in the deployment of leading CEI Use Cases:
  - NEMO
  - Nebulous
  - aerOS
  - nephele

- Identify the skills (and profiles) required by eventual industry adopters of the use cases

- Support the business modelling and commercialization of projects through provision of insights for required resources skills

What you need to know:

LeADS and EU Cloud-Edge-IoT initiative (through UNLOCK-CEI project) joint forces to investigate the link between CEI use-cases and the required digital skills for the exploitation of these.

What you will find:

- Novel insights in ADVANCED DIGITAL SKILLS demands forecast for the next 5 years based on market analysis on specific technology use cases
- Engagement opportunity with relevant stakeholders from Digital Europe Programme CSA to facilitate RIAs outreach
- Contribute to contribute to a white paper publication on recommendations on for exploitation plans of both projects.
- Unique discussion on the required digital skills to be included in the early phases of the exploitation process to support a successful Go to Market journey on the following fields:
  - Smart Cognitive Manufacturing
  - Smart Ports
  - Precision Farming
  - Smart Grids Flexibility and Resilience
  - Disaster Management

Register Here!
Computing Continuum and the role of AI as a complementary technology: European market forecast and insights

24 May 203, 14:00–15:30 CET

AGENDA

- 14:00 – 14:30 – Welcome and introduction – John Favaro, Trust-IT
- 14:05 – 14:20 – Artificial Intelligence and Computing Continuum: A European Perspective – TBD
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**Concertation and Consultation on Computing Continuum: From Cloud to Edge to IoT**

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TF6 – Communications

Lead by MARTEL INNOVATE (Open Continuum) & Trust-IT (UNLOCK-CEI)

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Concertation and Consultation on Computing Continuum:
From Cloud to Edge to IoT

Organized by: Open Continuum | Supported by: Unlock CEI and SWForum
Mission, objectives and goals

- **Mission**
  Have eucloudedgeiot.eu become the main reference portal for all main research and business initiatives and companies active along the cloud, edge & IoT continuum

- **Key objectives**
  - Create a brand identity for the EUCloudEdgeIoT initiative and promote an harmonised way among CSAs, creating a shared voice to maximise impact
  - Develop an engaged community containing all the EUCloudEdgeIoT stakeholders, including all the clusters present today and other existing communities
  - Amplify RIAS’ activities
  - Coordinate common events or joint presence at third party events
  - Sustain a continued, content-rich debate on CEI continuum
What has been done so far

TF started in **July 2022** - Initially only for internal purposes (Open Continuum + UNLOCK-CEI)
- Common identity Joint branding, logo, website, social media channels
TF gradually opened to other projects developing a wider community
- **September 2022 – January 2023**: initial interactions with some projects, liaisons with the existing CSAs (H–Cloud, NGIoT, SWForum)
- **February 2023**: Official Launch of the Community: opening to all the projects in the Cloud, Edge, IoT domains with the following elements being offered from **March 2023** onwards:

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<th>EC powered umbrella initiative (Co-branding)</th>
<th>Visibility on the EUCEI Platform (Dedicated projects page linking to your website)</th>
<th>Monthly Meetings with Roundtable (Share your activities)</th>
<th>Visibility across all Projects (Mailing List)</th>
<th>Joint Repository (templates, social media)</th>
<th>Joint Comms (Joint Events, Newsletters, Social Media) @EU_CloudEdgeIoT</th>
<th>Promotion on EUCEI channels (Open Calls, Papers, Events, Surveys, Blog)</th>
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- **May 2023**: Booklets and Brochure for the community
Who can join and how

Who: Communications representatives of all relevant (working in Cloud, Edge, IoT) projects regardless of their level of maturity or stage

How: contact info@eucloudedgeiot.eu to be included in our mailing list and joint folder
Team and Contact

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