Celtic-Plus Event
Project Ideas and Networking
20th June, Helsinki

Internet of DevOps (IoD)

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Evolution of Software Development

Past  
- Waterfall  
  Manual Integrations
  
- Requirements  
  Design  
  Implementation  
  Verification  
  Maintenance

Present  
- Agile  
  Scrum, Test Automation
  
- DevOps  
  Continuous Feedback between Development and Operational Phases

Future  

Shortening of Release Cycles / Towards Extended Digital Enterprises

- Long iterations (e.g., releases every 18 months)
- Shorter iterations (e.g., every 6 months)
- Very short iterations (e.g., every weeks, or even days!)
- Point-to-point integration
- Enhanced people cooperation
- Continuous Deployment
- Big Data Analytics
- Optimizing the value stream
- Federated Environments
Lifecycle Reality at Ericsson

- Very large number of tools & legacy!
- **Digital Enterprise**: Relying on Internet for connecting DevOps assets throughout the development & operational product lifecycle
- Integration solutions “as a Service”
Expected Outcomes

• Support agile development incl. continuous integration using many tools across distributed development teams

• Continuous end-to-end feedback to the developers from analysis/testing/simulation activities

• Scale up test automation processes with very large engineering data sets

• Monitor and analyze data produced throughout the whole development lifecycle

• Handle legacy tools

• Data visibility tailored for different stakeholders in the value chain e.g., for developers, testing experts, product managers and decision-makers

• Security issues

⇒ Potential kick-off date: Spring 2018
Partners

• Sweden
  – Ericsson (telecom)
  – SAAB (aerospace)
  – Data Frame (SME)
  – KTH (univ)

• Germany
  – T-Systems (telecom)
  – AEB (SME)
  – CQSE (SME)
  – Univ. Stuttgart (univ)
  – Bosch?

• Turkey
  – Ericsson Turkey (telecom)
  – TurkCell (telecom)
  – Enforma (SME)
  – Istanbul Technical University (univ)

• France?
  – Orange-Labs? (telecom)
  – Airbus? (aerospace)

We are looking for:
• Large companies (telecom and beyond)
• (Cloud-based) Solution Providers & Integrators
For more information and for interest to participate please contact:

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