Arrowhead Framework development coordination: 171121



- 1. WP1 meeting in Lisbon, Jan 16-18, Jerker, Pedro
- 2. Dissemination ICPS - SS, Pal Tutorial, Jerker INDIN?
- 3. Requirements, Oystein, 30 min
- 4. Mandatory core systems, v4.0 ServiceRegistry, Jerker Authorisation, Jens Orchestration, Csaba
- 6. Support core systems
 PlantDescription, Simon
 Configuration, Emanuel
 SystemRegistry, Ani
 DeviceRegistry, Silia
 Historian, Jens
 EventHandler, Michelle
 QoS, Michele
 Gatekeeper and Gateway, Csaba
 Translator, Hasan



- 7. Core system integration coordination, Translator, Historian, ... Hasan,
- 8. Proposals for additional support core systems
 ModbusTCP integration, Christian
 Engineering tool for legacy adapters, Mario
 PLC integration, Alios
 Gateway service, Csaba 10-15 min
 Smart Service Contract, Christian/Ulf
 Self adapatability, Markus
 SafetyManager, Simon
- 9. Docker containers, Fernando
- 10. AoB



MoM

In Arrowhead Framework wiki, git repository

9_Meetings/Core_system_development/171121/

AF_development_coordination_171121.xlsx

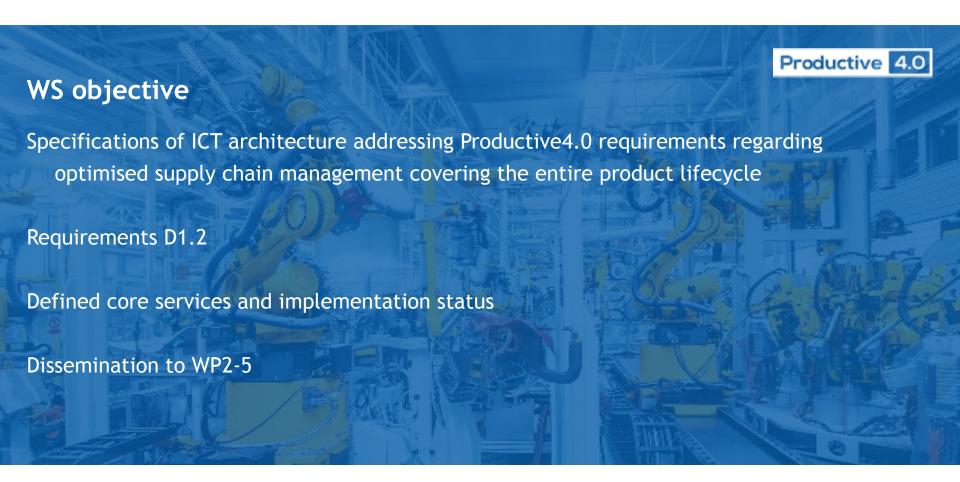




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- Day 1 Tuesday Jan 16
- 8.15 Registration
- 8.30 Welcome, Pedro Malo and Jerker Delsing
- 8.45 Architecture requirements, Oystein Haugen D1.2 presentation, focus on requirements from WP2-5,8,9
- 10.00 Break up session 3-6 groups (6-8 persons) including coffee Defined architecture components

 Major gaps compared to requirements and global objective
- 12.30 Reporting on group findings
- 13.00 Lunch







- Day 1 Tuesday Jan 16
- 14.00 Demo session, Fredrik/Jerker
 - 1. Mandatory core services, v4.0,
 - 1. ServiceRegistry: Jerker, Erik
 - 2. Orchestration: Csaba
 - 3. Authorisation: Jens, Kiran
 - 2. Support core services
 - 1. Historian, Jens/Hasan
 - 2. Translation, Hasan
 - 3. QoS, Michelle
 - 4. Eventhandler, Michelle
 - 5. Gatekeeper, Csaba/Pal
 - 6. Gateway, Csaba
 - 7. PlantDescription, Simon
 - 8. Configuration, Simon
 - 9. SystemRegistry, Device Registry, Ani/Silia
 - 10. On-boarding of a device to a local cloud, Ani, Silia, Csaba
 - 11.SmartServiceAgreement, Ulf/Emanuel
 - 12. Docker containers, Fernando







Day 1 - Tuesday Jan 16 (Social event) TBD







Day 2 - Wednesday Jan. 17

8.15 Registration

8.30 Core system: internal dissemination and next step, Jerker/Fredrik Objectives for June WS

10.00 Coffe

10.30 Break out TECH sessions
On-boarding, DeviceRegistry, SystemRegistry, ServiceRegistry, Ani/Silia
Historian, EventHandler, Translation, Hasan
Modbus TCP and tools for Legacy integration, Mario and Alois

13.00 Lunch

14.00 Break TECH sessions
PlantDescription, Configuration, Simon/Jan

Smart Service Agreement, Ulf Authorisation, Jens/Kiran







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Day 2 - Wednesday Jan. 17
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15.30 Coffe

16.00 Break out reporting

16.30 Dissemination

IEEE ICPS, SS and Tutorial

IEEE INDIN

IEEE ETFA

IEEE IECON

16.30 Standardisation, Erwin S







Day 3 - Thursday Jan. 18 WP2-5 invited

- 8.15 Registration
- 8.30 Welcome and objective for the day, Jerker and Fredrik
- 8.35 Architecture requirements, Oystein
- 9.20 WP7 interest and usage of the architecture
- 9.40 WP2 interest and usage of the architecture
- 10.00 Coffee
- 10.30 WP3 interest and usage of the architecture
- 10.50 WP4 interest and usage of the architecture
- 11.10 WP5 interest and usage of the architecture







- Day 3 Thursday Jan. 18
- 11.30 WP6 interest of architecture and technology integration for standardisation
- 11.50 Introduction to architecture and demos, Jerker/Jan/Fernando
 - In parallel: WP1 TECH break-out sessions, Fredrik
 - XXX Topics
- 13.00 Lunch
- 14.00 Architecture industrial usage and engineering savings, Erik Karlsson, BnearIT
- 14.30 Usage of architecture, T1.1 project internal dissemination/education
- 15.00 Joint demonstrations at Productive 4.0 project conference March
- 15.30 Closing of workshop







Day 4 - Friday Jan. 19

8.00 PMT

10.00 Coffee

10.30 PMT

13.00 Closing







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