

Arrowhead Framework development coordination: 180109

Agenda

1. WP1 meeting in Lisbon, Jan 16-18, Jerker, Pedro
2. Requirements, Oystein, 20 min
3. Dissemination
 - ICPS - SS, Pal, Tutorial, Jerker
 - INDIN, Special sessions?
 - IECON, Special sessions?
5. Mandatory core systems, v4.0
 - ServiceRegistry, Jerker
 - Authorisation, Jens
 - Orchestration, Csaba
7. Support core systems
 - PlantDescription, Simon
 - Configuration, Emanuel/Simon
 - SystemRegistry, Ani
 - DeviceRegistry, Silia
 - Historian, Jens
 - EventHandler, Michelle
 - QoS, Michele
 - Gatekeeper and Gateway, Csaba
 - Translator, Hasan

Agenda

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, Alois
Smart Service Contract, Christian/Ulf
Self adaptability, Markus
SafetyManager, Simon
9. Docker containers, Fernando
10. AoB

MoM

In Arrowhead Framework wiki, git repository

9_Meetings/Core_system_development/180109/
AF_development_coordination_180109.xlsx

WP1 Architecture workshop

180116-180118
Lisbon, Portugal

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WS objective

Specifications of ICT architecture addressing Productive4.0 requirements regarding optimised supply chain management covering the entire product lifecycle

Requirements D1.2

Defined core services and implementation status

Dissemination to WP2-5

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Agenda draft v0.4

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Agenda

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

Agenda

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, Emanuel/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

17.30 Core system status summary and demos in March, Jerker

Agenda

Day 1 - Tuesday Jan 16 (Social event)

TBD

Agenda

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, RDF, Simon/Jan/Fredrik
Smart Service Agreement, Ulf
11 Authorisation, Jens/Kiran

Agenda

Day 2 - Wednesday Jan. 17

15.30 Coffe

16.00 Break out reporting

16.30 Dissemination
IEEE ICPS, SS, Tutorial
IEEE INDIN
IEEE ETFA
IEEE IECON

16.30 Standardisation, Erwin S

Agenda

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

Agenda

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:

8.35/11.50 - 14.30 including lunch WP1 TECH break-out sessions, Fredrik

SafetyManager, Simon

Security analysis, Markus

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 Productive4.0 project conference March

15.30 Closing of workshop

16.00 PMT meeting

Agenda

Day 4 - Friday Jan. 19

8.00 PMT

10.00 Coffee

10.30 PMT

13.00 Closing