

# Eclipse Arrowhead Roadmap WG

Agenda 220222



# Agenda (MoM from last meeting in red)

## 1. v5.0.0 release - what should be fixed, what can be included, when?

Log4J bug, fix introduced.

Jerker to contact Eclipse on the delay issue!!

Documentation is still to be completed

Wiki page is under update to contain the core system documentation, Roadmap WG wiki meeting 13/12 10-12

Which contributions do we have for the next release.

## 2. CI/CD + Jenkins server for generation of packages for different OS and HW.

Docker images to be generated by Szvetlin, no updates

## 3. Move of code from arrowhead-f to eclipse-arrowhead

Move only IP okayed by Eclipse repositories and working with v4.3.0. Naming convention of repository names. Proposal of names and repos to move.

List of libraries and app + SoS skeletons to be created by Szvetlin as an issue in the roadmap repo.

## 4. Lowering the entry step - status reports

### 1. Gabor - VirtualBox on any environment, core systems + providers and consumers.

Working prototype with nested VM's with local clouds. Dynamic certificate and a web UI is in the works. Set-up is not yet automated. Image size is now < 2GB.

### 2. Emanuel - Device daemon, Local cloud daemon, Local cloud management - will work on this as consultant to LTU, not started yet, time line next year.

The Management tool will be moved to Szvetlin.

### 3. Cristina - From models to code and deployment -

Plugin to IDE and Papyrus to select Local clouds and systems you like to include, current development of producers and consumers.

Update plug-ins to be complaint with 4.4.1. The Papyrus profile is no available using UML meta models created for the whole architecture stack and part of the engineering process steps. Will be ready for the next Eclipse Arrowhead release.

## 5. Documentation strategy

Mats proposed a discussion on documentation strategy meeting done. A survey is launched to the Arrowhead Tools project to get feedback. A question discussed is how to improved the V&V process thus creating trust in the TRL level enabling real industrial usage. This is nov included in the template for the final use case reporting in Arrowhead Tools.



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6. ServiceRegistry, SystemRegistry, DeviceRegistry - metadata, compliance to other service registries  
Per: an adaptor for *CONSUL* has been prototyped by Sinetiq. A dependency with the Authorisation system need t be discussed.  
This might influence the GateKeeper and Gateway systems.
7. Monitoring service - Per presentation on industrial requirements  
JD to talk with Olov S. to lead such WG, Per O. to contribute from BnearIT/Sinetiq, Jan vD like to join  
Per indicates that monitoring need to adhere to a specific standard: Not now for the moment.  
Per to give a 10 min report on monitoring requirements at next meeting.
8. Request/Response models in Arrowhead #15  
Mario not on-line today
9. Necessary updates to Orchestration and Authorisation system -
  1. Format for Orchestration policy and Authorisation policy data, Olof to investigate on how to form a WG on this issue.
9. GateKeeper and Gateway systems
  1. Scenarios for § 4, 5, and 6, Mario sequence diagram from Marios scenario 2a. Mario to check in resources for hosting a WG. No updates from Mario. Ensure with Markus and Silia to get this finalised. JD to contact Markus T on this.



# Agenda (MoM from meeting in red)

10. Issue lists in GitHub

11. Roadmap WG meeting

Feb 22 at 15.00

# Topics on hold

1. Possible change of core system database - **ON HOLD**  
Light database is a request - WAPICE, On hold until item 6 is a closed

