

# Aspire Wiki - ObjectWeb - RoadmapForTheMerge

[Roadmap For The Merge](#)

AspireRFID Merge / Development Roadmap

- [1 Tasks/Work Assignments](#)

## Tasks/Work Assignments

At the Implementation sequence column below we can find what should be done first (especially for the merge). At the Priority column below we can find the task's implementation priority degree from 1 to 9 with 9 defining higher priority.

C/N	Task Summary	Assigned To	First Version Deadline	Impl. Seq.	Priority (1-->9)
<b>1</b>	<b>Reader Core Module</b>				
1.1	Reader Core HAL for TagSys Medio	UJF, AIT	asap		3
1.2	Reader Core HAL for Tikitag	UJF, AIT	asap		3
1.3	Reader Core HAL for Bluetooth	UJF	?		3
1.4	Reader Core HAL for NFC Phones	UJF, AIT	asap		3
1.5	Reader Core Authentication/Access mechanisms	AAU,..	?		5
1.6	Standardization for Reader Management (RM) based on JMX	AAU, AIT	?		
<b>2</b>	<b>Filtering &amp; Collection Module</b>				
2.1	Extension Model for F&C Captured sensor data from semi-passive Tags	UJF, AIT, AAU, INRIA	?	2	9
2.2	Extension Model for F&C Captured sensor data from Sensor Networks	UJF, AIT	asap	2	8
2.3	Extension Model for F&C Captured data from actuators	AAU, INRIA, UJF, AIT	?		7
2.4	Interface for F&C (or Reader Core) connecting/supporting Active Tags	AAU, INRIA	?		7
2.5	Interface for F&C (or Reader Core) connecting/supporting Sensor Networks	UJF, AIT	asap	2	8
2.6	Partial implementation of the EPC Writing API for supporting Label generation and printing		?		4
2.7	Integration of TDT to F&C for supporting multiple	INRIA	?		6

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	types of Tags/Barcodes				
2.8	Anti-collision protocol for multi-vendor RFID readers reside on middleware	AIT	?		7
2.9	Anti-collision protocol for multi-vendor RFID readers reside on Mac layer	INRIA, IT	?		7
2.10	Middleware anti-collision solution implementation for multi-vendor RFID readers	AIT	?		7
2.11	F&C Bundlization for OSGi deployment within JOnAS Application Server	UJF, AIT	?		2or8 ?
2.12	Filtering & Collection Authentication/Access mechanisms	AAU,...	?		5
2.13	Management and automatic configuration of multiple RFID readers	AIT,?	?		6
2.14	Specifications of different kinds of low level filtering	INRIA, UJF	?		7
2.15	Design of light ALE modules to be embedded in the readers, customizable based on the application	INRIA	?		7
2.16	Implementation of Low Level Filtering ALE interface and integration of it to various RFID readers	INRIA	?		7
2.17	DHT-based efficient filtering and memory placement	INRIA	?		7
2.18	HAL for TagSys Medio	UJF, AIT	asap	1	9
2.19	HAL for Tikitag	UJF, AIT	asap	1	8
2.20	HAL for Bluetooth	UJF	?	1	7
2.21	HAL for NFC Phones	UJF, AIT	asap	1	8
<b>3</b>	<b>Business Event Generator Module</b>				
3.1	BEG Interface for connecting/supporting Actuators		?		6
3.2	BEG Interface for connecting/supporting feedback to various devises (e.g. Account machines, delivery Information		?		4

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	at the gates/handheld devices ...)				
3.3	BEG Bundlization for OSGi deployment within JOnAS Application Server	UJF, AIT	?		2or8 ?
3.4	BEG Authentication/Access mechanisms	AAU,...	?		5
<b>4</b>	<b>EPCIS Repository Module</b>				
4.1	EPCIS new Field extensions for the existing Event Types extensions in the Data Definition Layer	UJF, AIT	asap	3	9
4.2	EPCIS deployment within JOnAS Application Server	UJF, AIT	?		2or8 ?
4.3	EPCIS Authentication/Access mechanisms	AAU,...	?		5
<b>5</b>	<b>Connector Module</b>				
5.1	Connector Singular Logic's Enterprise ERP support	AIT	?		4
5.2	Connector Microsoft's Dynamics NAV ERP support		?		3
5.3	Connector MyWMS WMS support		?		3
5.4	Connector UJF's Object tracking support	UJF, AIT	asap	4	8
5.5	Connector UJF's Supply chain management support	UJF, AIT	asap	4	8
5.6	Connector UJF's Soding Balloon tracking support	UJF	?		3
5.7	Connector Bundlization for OSGi deployment within JOnAS Application Server	UJF, AIT	?		2or8 ?
5.8	Connector Authentication/Access mechanisms	AAU, ...	?		5
<b>6</b>	<b>ONS Module</b>				
6.1	ONS	AAU, AIT,...	?		1
<b>7</b>	<b>IDE/Tooling Module</b>				
7.1	RFID Specification Language	AIT, AAU, UJF, OSI	?		8
7.2	Programmable Engine Plug-in	AIT, AAU, UJF, OSI	?		7
7.3	Business Process Workflow Management Editor Plug-in	AIT, AAU, UJF	?		7
7.4	Concurrent innovation	INRIA, UJF	?		6

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	engineering framework (as an Eclipse plug-in?)				
7.5	Connector Configurator Plug-in	<b>AIT, INRIA</b> UJF	?		
7.6	Business Location Designer plug-in	INRIA? (Part of the CIEF?)	?		2
7.7	End-to-End management plug-in for all the AspireRFID middleware's modules	AIT, UJF, <b>AAU</b> , OSI		5	7
7.8	Authentication/Access Configuration Plug-in	<b>AAU</b> ...	?		5
7.9	Authentication/Access mechanisms for the AspireRFID IDE	<b>AAU</b> ...	?		5
<b>8</b>	<b>TDT Module</b>				
8.1	TDT extended support	INRIA	?		6
<b>9</b>	<b>Packaging Module</b>				
9.1	Demo Packs for all available demos and Middleware modules	UJF, AIT, <b>AAU</b> , INRIA	?		4
10.1	Scemtec Reader Integration	IT, SENSAP, INRIA, MELEXIS	?		8
10.2	LLRP module Interface	IT, SENSAP, INRIA, MELEXIS	?		8

At the "Assigned To" columned assignments noted with **Bold** are confirmed.

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