



# make it ReAAL

Project co-funded by the European Commission within the ICT Policy Support Programme

ReAAL

CIP ICT PSP – 2012 - 325189

[www.cip-reaal.eu](http://www.cip-reaal.eu)

## Support and training periodic report

[ID2.1b, Revision 1.0]

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### Key Information from the DoW

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Due Date 28-Feb-2015

Type Report

Security Public

Description:

A periodical summary of the statistics from activities in T2.2 containing also the latest directory of available resources.

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## Versioning and contribution history

Version	Date	Author	Partner	Description
0.1	03/02/2015	Álvaro Fides	UPVLC	Updated Intro sections from previous version. Updated the report of the issue trackers.
0.2	06/02/2015	Álvaro Fides Michele Girolami	UPVLC CNR-ISTI	Updated all Section 2, almost all S. 3. Updated Section 4 Open Source
0.3	09/02/2015	Francesco Potortì	CNR-ISTI	Revision
0.4	11/02/2015	Álvaro Fides	UPVLC	Applied revision comments. Finished Section 3 and Executive Summary.
0.5	16/02/2015	Álvaro Fides Francesco Potortì	UPVLC CNR-ISTI	Final version for release
1.0	28-Feb-2015	S. Tazari	Fh-IGD	Official release

## Executive Summary

This deliverable follows the same structure of D2.2, since it is an update on the status of the activities defined therein: Platform support framework, Training framework, and Open source strategy.

There were almost no changes in the Platform support framework itself. After a short introduction to the (few) updates in the support framework, a set of statistics of the status on all the different issue trackers is presented, followed by a list of all issues opened and updated within the period of analysis of this version.

Updates on the Training framework itself are few as well, but these are followed by a list of all available sources of training materials set up by different tasks in ReAAL. A short list of events where coaching was provided is also available.

Finally the activities maintaining the Open Source community around the platform are described, including the next steps to follow.



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# 1. About This Document

The purpose of this deliverable is to report updates in the frameworks defined in deliverable D2.2 for Support, Training and Open source, if any. A description of the work that has been carried in the scope of T2.2 for these framework is also reported, with special emphasis on the issues reported in the trackers.

## 1.1. Deliverable context

The fields in this table are a variation of those in D2.2, since ID2.1a is a periodic update on the activities planned and defined in D2.2.

Project item	Relationship
Objectives	O3: The objective refers to setting up the Developer Depot, training courses, coaching and technical support, the status of which are reported here.
Exploitable results	<p>Res 5: It explicitly names the support and training framework, whose reporting is the purpose of this deliverable.</p> <p>Res 6: The monitoring mentioned in the result is reported for tracking and support here.</p> <p>Res 7: Contributions to the knowledge portal may come from the resolution of problems thanks to the resolved support issues.</p>
Work plan	<p>WP2 T2.2: Task to which the deliverable belongs.</p> <p>WP2 T2.3, WP3 T3.2, WP4: Technical development support is provided to all these tasks.</p> <p>WP3 T3.3, WP4: Training framework schedules and materials to these tasks are reported here.</p> <p>WP5: Reports of technical support issues can be used for the reports and contents of this work package.</p>
Milestones	MS2: After milestone 2 “Ready for porting applications” the activities in trackers and training will be summarized in this report. There are other milestones in the period leading to this current version, but MS2 is the one that is directly related to the deliverable.
Deliverables	D2.2: Deliverable 2.2 specifies the training, tracker and open source frameworks and schedules, whose second period of reporting is documented in this document ID2.1b.
Risks	Rk3, Rk6, Rk8: These risks are related to finding potential problems during the development or usage of the platform. Technical support framework should help prevent this or at least solve it promptly.

## 1.2. Version-specific notes

This Internal Deliverable is the second version (b) of three (a, b, c). The reports included here refer to the work carried in the scope of the Support, Training and Open Source framework defined in D2.2 in the period comprised between June 2<sup>nd</sup>, 2014, and February 1<sup>st</sup>, 2015.

Next and final version is planned to cover (c) from February 1<sup>st</sup>, 2015 to November 1<sup>st</sup>, 2015.

Notice that the previous version (a) of this Internal Deliverable incorrectly reported that the current version (b) was supposed to cover until March 1<sup>st</sup>, but the actual period ends on February 1<sup>st</sup>.

## 2. Platform support framework

### 2.1. Framework updates

While there have not been changes in the platform support framework itself, there have been points of conflict identified by the users of the framework (namely the developers universalizing applications). Since the last report, the majority of them have found issues while following the instructions, technical documentation and wiki pages. This has been due to outdated information and cumbersome or confusing instructions. This has led to the decision of refactoring and updating the documentation contents and structure in order to simplify and update it, and get rid of outdated, incorrect or unusable content. The result of this effort will be reported in the next version.

There is another aspect to be mentioned during this reported period: the decision of porting the universalAAL platform source code to GitHub opens the possibility of migrating technical documentation to such site and also represents an opportunity to clean and refactor it as suggested above. If this chance is taken, it will be reported in the next version. However, given the effort spent in training ReAAL partners into using the issue trackers, it was decided that these in particular would not be migrated and remain in the current GForge server.

### 2.2. Status report

During the reported period there was a new release of the platform. This involved adding new documentation about the new features, which in this version were important additions (enabling multi-tenancy). Wiki pages were set in place describing them and how to use and configure them. To speed things up, these were linked directly from the ReAAL Knowledge Portal.

#### 2.2.1. Tracker status

Official track of bugs, requests and other issues is maintained through the different issue trackers of all the subprojects in GForge. The report in this section will cover all issues in every subproject tracker that were opened between the end of the period reported in the previous version (June 2<sup>nd</sup> 2014), and the elaboration of this deliverable (January 30<sup>th</sup> 2015).

To give an overview of how the issue tracking performed, some basic statistics have been calculated:

There were 48 items opened during this period, and 33 items were closed. Counting all items, including those from the previous period, there is now a total of 43 items still open. This is however counting all trackers (including To-Do, feature requests...). Focusing only on bugs and support, the count is 24 items closed during the period, while 24 remain open (identified with a red "NO"). Compared to the previous period, the ratio open/closed remains similar but the count has increased.

Average time needed for closing reported items (bugs and support) is 52 days, but by removing the effect of the wrong closed dates (marked with asterisk \*), the time is 40 days. In the previous period this average was 16 days, but that is partly because there were less items, and the impact of wrong closed dates was bigger.

The following sections report the overall details of the items in all the trackers with content for the analysed period. Only the short description of each item is included. For more details on each of the items please proceed to the link included in each subsection. Close dates marked with an asterisk (\*) indicate that the issue was actually solved in a previous date but was incorrectly left open. This is a problem that has increased in this period and must be handled with more attention in the future. Issues highlighted with a light grey background represent issues that were already present in the previous report period.

## Android

All issues reported under the subproject “Native Android” are available at:

<http://forge.universaal.org/gf/project/android/tracker/>

This subproject is in charge of the port of the Middleware into Android OS.

### To do

ID	Priority	Submitter	Assignee	Opened	Closed
Native Android: Metadata generation tool					
402	5	Alvaro Fides	Alvaro Fides	26/05/2014	NO

### Support

ID	Priority	Submitter	Assignee	Opened	Closed
Ontology registration issue with MW					
429	2	Brian Kennedy	Alvaro Fides	25/08/2014	02/09/2014
OntologyManagement: No factory entry					
431	3	Brian Kennedy	Alvaro Fides	03/09/2014	04/09/2014

## Context

All issues reported under the subproject “Context” are available at:

[http://forge.universaal.org/gf/project/uaal\\_context/tracker/](http://forge.universaal.org/gf/project/uaal_context/tracker/)

This subproject is in charge of the context-awareness modules and managers.

### Feature requests

ID	Priority	Submitter	Assignee	Opened	Closed
Update of ontology owl files					
384	4	Alvaro Fides	Alvaro Fides	29/10/2013	NO
static CHe information base					
386	5	Alejandro Medrano		18/11/2013	NO

### Bugs

ID	Priority	Submitter	Assignee	Opened	Closed
Corrupted artifact have been deployed					
438	1	Stefano Lenzi	Alvaro Fides	22/09/2014	30/01/2015*

## Middleware

All issues reported under the subproject “Middleware” are available at:

<http://forge.universaal.org/gf/project/middleware/tracker/>

This subproject is in charge of the Middleware core modules.

### Bugs

ID	Priority	Submitter	Assignee	Opened	Closed
GSON error in multi-node					
392	2	Carsten Stockl�w	Michele Girolami	08/05/2014	31/07/2014
Service Responses with multiple outputs may fail with >1 instances					
393	4	Alvaro Fides	Carsten Stockl�w	13/05/2014	05/09/2014
analysis of requirements N-ARCH-1 and N-COMM-1					
394	2	Michele Girolami	Michele Girolami	20/05/2014	NO
Name of the JG communication channel must be parametric					
410	2	Michele Girolami		06/06/2014	29/07/2014
Error during Initialization of the AALSpace					
411	2	Michele Girolami		06/06/2014	09/07/2014
AAL Space Discovery: static name of peering channel name					
414	3	Michele Girolami		17/07/2014	25/07/2014
Bus tracker: the Core bundle contains references to OSGi					
415	3	Michele Girolami		17/07/2014	17/07/2014
Waiting for joining new AALSpace					
422	3	Michele Girolami		24/07/2014	25/07/2014
Real Role of Nodes					
423	3	Michele Girolami		24/07/2014	NO
Implement AAL Space discovery by means of the communication connector					
424	3	Michele Girolami	Federico Volpini	24/07/2014	NO
SLP discovery fails when running 2 instances from Eclipse					
426	3	Michele Girolami		31/07/2014	30/01/2015*
Re-arrange configuration file of the MW					
427	3	Michele Girolami		01/08/2014	NO
Tenat Karaf command					
428	3	Michele Girolami		01/08/2014	01/08/2014
Bus Model Thread does not stop when closing					
430	5	Alvaro Fides	Carsten Stockl�w	29/08/2014	NO
uAALBundleContainer fetchSharedObject with listener not working as expected					
435	1	Alejandro Medrano	Carsten Stockl�w	15/09/2014	NO
When a Callee throws an exception (typical rookie mistake) the bus, or at least the caller is locked for ever.					
443	4	Alejandro Medrano	Carsten Stockl�w	20/10/2014	NO

## Support

ID	Priority	Submitter	Assignee	Opened	Closed
Infinite loop between non-connecting instances					
404	4	Alvaro Fides	Stefano Lenzi	26/05/2014	NO
How to set per-ServiceProfile specific values to variable inputs					
442	1	Alvaro Fides	Carsten Stockl�w	08/10/2014	27/11/2014
How to handle these new jGroups clusters that end in 8888					
449	1	Alvaro Fides	Stefano Lenzi Michele Girolami	19/11/2014	19/11/2014
Changing URI of a Resource					
454	4	Alvaro Fides	Carsten Stockl�w	18/12/2014	30/01/2015*
Inconsistent serialize>parse>serialize behavior of the data.serialization					
460	4	Alvaro Fides		29/01/2015	NO

## Feature requests

ID	Priority	Submitter	Assignee	Opened	Closed
Enable a way to let the user accept/reject joining how a node to a space					
361	3	Stefano Lenzi	Stefano Lenzi Carsten Stockl�w	18/09/2013	NO
a module for File management, that decouples from cotainer dependency.					
405	3	Alejandro Medrano	Alejandro Medrano	28/05/2014	14/11/2014
Is it possible to install reasoner and/or ASOR script as application?					
408	4	Alvaro Fides	Stefano Lenzi	03/06/2014	NO
dynamic cases and Automatic Coordinator selection for service bus					
425	4	Alejandro Medrano	Alejandro Medrano Carsten Stockl�w	30/07/2014	NO
Use pooled threads whenever possible in comm module					
441	4	Alvaro Fides	Stefano Lenzi Michele Girolami	01/10/2014	NO

## Ontologies

All issues reported under the subproject “Ontologies” are available at:

<http://forge.universaal.org/gf/project/ontologies/tracker/>

This subproject is in charge of the all the basic ontologies that can be used in the platform – not application-specific ontologies.

## Bugs

ID	Priority	Submitter	Assignee	Opened	Closed
get and set Resource Label are not synchronized correctly					
379	4	Alejandro Medrano	Carsten Stockl�w	13/10/2013	NO
RoomFunction.valueOf(String) yields IndexOutOfBoundsException					

409	3	Alvaro Fides	Alejandro Medrano	04/06/2014	12/09/2014
Private setters iin HealthMeasurement ontology					
458	4	Alvaro Fides	Alvaro Fides	21/01/2015	NO
Wrong properties in BloodPressure set/getters					
459	4	Alvaro Fides	Alvaro Fides	23/01/2015	NO

### To do

ID	Priority	Submitter	Assignee	Opened	Closed
Ontology overlaps (aal space mgr, phw, deployment mgr, space server)					
403	4	Alvaro Fides	Alvaro Fides	26/05/2014	02/06/2014

### Feature requests

ID	Priority	Submitter	Assignee	Opened	Closed
increase semantic precision in ont.device					
391	4	Alejandro Medrano		08/05/2014	30/01/2015*

## Remote interoperability

All issues reported under the subproject “Remote Interoperability” are available at:

<http://forge.universaal.org/gf/project/rinterop/tracker/>

This subproject is in charge of the gateways that provide remote connections.

### To do

ID	Priority	Submitter	Assignee	Opened	Closed
Remote API with cloud infrastructure					
396	1	Alvaro Fides	Alvaro Fides	20/05/2014	15/09/2014
Remote API definition/interface					
395	1	Alvaro Fides	Alvaro Fides	20/05/2014	01/06/2014

### Requests

ID	Priority	Submitter	Assignee	Opened	Closed
ri.gateway.communicator add support for multiple GW connections					
418	3	Stefano Lenzi	Alejandro Medrano	18/07/2014	14/11/2014
ri.gateway.communicator support Client or Server mode					
419	3	Stefano Lenzi	Alejandro Medrano	18/07/2014	14/11/2014
ri.gateway.communicator restore connection on broken link					
420	3	Stefano Lenzi	Alejandro Medrano	18/07/2014	14/11/2014
ri.gateway.communicator support Routing or Forward					
421	3	Stefano Lenzi	Alejandro Medrano	18/07/2014	14/11/2014
Client library for calling the Remote API					
439	3	Alvaro Fides	Alvaro Fides	24/09/2014	NO

### Bugs

ID	Priority	Submitter	Assignee	Opened	Closed
RI Gateway Communicator					
416	3	Michele Girolami	Alejandro Medrano	17/07/2014	14/11/2014
ri.gateway.communicator must wait for required SharedObject					
417	3	Stefano Lenzi	Alejandro Medrano	18/07/2014	14/11/2014
Null-scope Multitenant GW error when starting in client mode					
448	1	Alvaro Fides	Stefano Lenzi	17/11/2014	NO
Multitenant GW 3.2.0+ waiting forever to read a message from client GW					
450	2	Alvaro Fides	Stefano Lenzi	21/11/2014	NO

### Security

All issues reported under the subproject “Security” are available at:

<http://forge.universaal.org/gf/project/uaalsecurity/tracker/>

This subproject is in charge of the security modules that can be used by applications.

### Feature requests

ID	Priority	Submitter	Assignee	Opened	Closed
add authorisation definition and checking services					
406	2	Alejandro Medrano		29/05/2014	NO

### Support

All issues reported under the subproject “Support” are available at:

<http://forge.universaal.org/gf/project/support/tracker/>

This subproject plays the role of a central hub where any issue can be addressed when no other subproject can be guessed. It also deals with maintaining sample applications and support libraries.

The support subproject also handles one special case: The Puglia pilot has several different parties as developers for the pilot, introducing the concept of “Associated Vendor”. For this reason a special sub-tracker was set up to provide dedicated training and support to them. This is not completely a responsibility of T2.2, as it also involves T3.3, but their tracker items were included here as well for reference (Their status does not count towards the statistics reported in the beginning of the section).

### Bugs

ID	Priority	Submitter	Assignee	Opened	Closed
uaal-manifest-maven-plugin fails to load default configuration under linux					
436	3	Alejandro Medrano	Carsten Stockl�w	19/09/2014	19/09/2014

### Support

ID	Priority	Submitter	Assignee	Opened	Closed
AutoStart KARAF as a service on boot on a Raspberry Pi (Service Wrapper not compiled for ARM6)					
440	1	David Martin	All	01/10/2014	30/01/2015*
How to define equivalence in the Ontology class					
451	5	Alvaro Fides	Carsten Stockl�w	01/12/2014	NO
Use of JavaMail API in uAAL					
455	1	J�rg Draeger		06/01/2015	15/01/2015
R-API: Google Cloud Messaging for Android not found					
456	2	J�rg Draeger	Alvaro Fides	12/01/2015	NO
Syntax of creating Turtle					
457	2	J�rg Draeger	Alvaro Fides	20/01/2015	30/01/2015*

### To do

ID	Priority	Submitter	Assignee	Opened	Closed
automatic launching script for karaf autostart					
461	5	Alejandro Medrano	Alejandro Medrano	30/01/2015	NO

### Italian pilot

ID	Priority	Submitter	Assignee	Opened	Closed
Training: Context History Entrepot					
445	5	Stefano Luceri	Stefano Lenzi	05/11/2014	12/11/2014
Training: Reasoner Application					
446	5	Stefano Luceri	Stefano Lenzi	06/11/2014	13/11/2014
Support request for ontology writing					
447	5	Stefano Luceri		11/11/2014	18/11/2014
Training: Application Ontology and uAALUtils library use					
452	5	Stefano Luceri	Stefano Lenzi	09/12/2014	16/12/2014
Training Request for Application Ontology and Service Profiles					
453	5	Stefano Luceri		16/12/2014	23/12/2014

### Tools

All issues reported under the subproject “Tools” are available at:

<http://forge.universaal.org/gf/project/uaaltools/tracker/>

This subproject is in charge of the plugin tools of the AAL Studio.

### Bugs

ID	Priority	Submitter	Assignee	Opened	Closed
Verification too strict					
412	4	Alejandro Medrano		13/09/2013	NO

AALStudio Ontology Creation tool requires Papyrus 0.7.3, but no longer available					
357	3	Alvaro Fides		26/06/2014	NO
Issue transforming .OWL files into .Java files					
413	3	Pablo Coronado	Alvaro Fides	16/07/2014	NO
Ontology Wizard creates Factory extending FactoryImpl					
432	5	Alvaro Fides	Alvaro Fides	04/09/2014	04/09/2014
Ontology Wizard creates namespace without .owl suffix					
433	5	Alvaro Fides		04/09/2014	NO
NPE when registering ServiceProfiles of full code templates of the wizard					
434	4	Alvaro Fides	Alvaro Fides	15/09/2014	15/09/2014

### Feature requests

ID	Priority	Submitter	Assignee	Opened	Closed
Update PaxRunner with latest Felix Framework					
354	3	Carsten Stockl�w	Konstantinos Giannoutakis	12/09/2013	NO
Ontologies from the Wizard do not need to be bundles					
437	5	Alvaro Fides		19/09/2014	NO

### User interface

All issues reported under the subproject “User interface” are available at:

[http://forge.universaal.org/gf/project/uaal\\_ui/tracker/](http://forge.universaal.org/gf/project/uaal_ui/tracker/)

This subproject is in charge of the user-interface modules and managers.

### Bugs

ID	Priority	Submitter	Assignee	Opened	Closed
Alert String is intended for erroneous input not just missing.					
376	5	Alejandro Medrano	Alejandro Medrano	09/10/2013	NO
Web handler Script vulnerability					
381	4	Alejandro Medrano	Alejandro Medrano	28/10/2013	NO
Swing handler forces to choose a select1					
382	5	Alejandro Medrano	Alejandro Medrano	28/10/2013	NO
Dialog Cut (with complete info) work only when moving from Coordinator to peer					
388	3	Alejandro Medrano	Alejandro Medrano	20/01/2014	NO
Change User location subscriber architecture in UI.DM					
399	4	Alejandro Medrano	Alejandro Medrano Andrej Grguric	20/05/2014	NO

### To do

ID	Priority	Submitter	Assignee	Opened	Closed
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Connect UI.DM Main Menu items and Persistency to profiling server					
397	4	Alejandro Medrano	Alejandro Medrano	20/05/2014	27/05/2014

### Feature requests

ID	Priority	Submitter	Assignee	Opened	Closed
Make Recommendations switchable in gui.swing					
364	4	Alejandro Medrano	Alejandro Medrano	20/09/2013	NO
contextualUpdate					
366	3	Alejandro Medrano	Alejandro Medrano	20/09/2013	NO
Trigger happy					
367	1	Alejandro Medrano	Alejandro Medrano	20/09/2013	NO
New uAAL UI Strategy					
398	5	Alejandro Medrano	Alejandro Medrano	20/05/2014	NO

## 3. Training framework

### 3.1. Framework updates

There were no significant changes to the training framework itself during the period. However following the recent identification of the need to improve technical documentation, a certain enhancement of the training may be needed. It also implied the discontinuation of previous, outdated or no longer maintained information sources. That is why this version of the deliverable no longer lists training materials created during the universAAL project – only ReAAL sites are now listed.

It is worth reminding that training and documentation are separate efforts: T3.3 is in charge of coaching and the maintenance of the training materials, while T2.2 is in charge of the maintenance of the technical documentation. This means that an update on technical documentation does not imply a change in the training framework, especially taking into account that ReAAL developers have mostly already been trained. Still, it may be necessary to update some content to match the changes made in technical documentation. If so, it will be reported in the next version of the deliverable.

### 3.2. Status report

#### 3.2.1. Materials status

The following is a list containing all current and up-to-date sources of training documentation of interest for ReAAL about the usage of the universAAL platform, regardless of their origin being technical documentation from T2.2 or coaching from T3.3, existing work of uAAL or any other source:

<b>ReAAL Formation Moodle</b>	<b>By:</b> T3.3
<a href="http://www.universaal.org/reaal/">http://www.universaal.org/reaal/</a>	
<i>Adaptation and update of universAAL training materials oriented specifically to focus on ReAAL developers, including new content specifically for ReAAL pilots.</i>	
<b>Latest updates:</b> Added all the training materials created by T3.3. Currently, access is open as “guest user”.	

<b>universAAL Reference Documentation</b>	<b>By:</b> uAAL, T2.2, T3.3
<a href="http://forge.universaal.org/wiki/support:Reference_Documentation">http://forge.universaal.org/wiki/support:Reference_Documentation</a>	
<i>Developer-written content, such as tutorials, design decisions, features and so on</i>	
<b>Latest updates:</b> Removal of severely outdated content or confusing instructions. A full refactor is in the works for this documentation.	

<b>universAAL Release Notes</b>	<b>By:</b> uAAL, T2.2
<a href="http://forge.universaal.org/wiki/support:RD_Release_History">http://forge.universaal.org/wiki/support:RD_Release_History</a> <a href="http://forge.universaal.org/wiki/support:Transfer">http://forge.universaal.org/wiki/support:Transfer</a>	
<i>The Release History highlights the changes, additional features and fixes that are included in each new release, and the Transfer instructions will tell developers how to perform the changes needed to adapt to the new version of the platform, whenever there is a change in the API</i>	
<b>Latest updates:</b> New release 3.2.0 (Transfer instructions not necessary)	

<b>ReAAL Knowledge Portal</b>	<b>By:</b> T5.1
<a href="http://wiki.trialog.com/mediawiki-trialog/cip-reaal?title=ReAAL_Knowledge_Portal&amp;wiki=cip-reaal">http://wiki.trialog.com/mediawiki-trialog/cip-reaal?title=ReAAL_Knowledge_Portal&amp;wiki=cip-reaal</a>	
<i>Knowledge portal for ReAAL partners, including guided content and links to universAAL-related materials</i>	
<b>Latest updates:</b> (Regarding only uAAL Training Materials) Several updates on WP2 section to explain new features and improve instructions. Additional purpose-specific instructions for ReAAL tasks in other WPs.	

<b>universAAL Open Source AALOA Community</b>	<b>By:</b> T6.3
<a href="http://universaal.aaloa.org/">http://universaal.aaloa.org/</a>	
<i>Entry point for universAAL from the AALOA community. Not oriented to ReAAL but to the outside community. It mostly contains information, links and resources already available in the other sites.</i>	
<b>Latest updates:</b> Deployment of the latest version of the platform, release 3.2.0 package.	

### 3.2.2. Activities status

As described in DoW and D2.2, there are three opportunities for training activities:

1. An initial face-to-face training session for the non-universAAL technical experts.

**Status:**

- Held in the scope of universAAL, during the official universAAL review, as a Training Event (January 2014).

2. On-demand virtual workshops held remotely for the relevant local stakeholders at each pilot site whenever issues cannot be resolved at the local level and in the extent of T3.3.

**Status:**

- Joint Workshop in Madrid (September 2014) in which there were slots for introducing the new features of the platform, and support for pilots.
  - Virtual meetings (over Skype) with representatives from all pilot sites to keep track of the status of adaptation schemes, and continuous support on-demand.
3. Transfer of the universAAL training material into ReAAL-oriented material, which will help improve provision and accessibility.

**Status:**

- T2.2 to maintain and update technical documentation of the platform code
- T3.3 to maintain and update training materials

## 4. Open source strategy

### 4.1. Status report

Since the release of the D2.2 we started the creation of the universAAL Platform Open Source community within the umbrella of AALOA community. We defined, as a first step, the Governing Board of the universAAL project, and we created a mailing-list open to everyone interested in the project.

While not strictly tied into ReAAL, this community will help maintain the universAAL platform both during the project and afterwards. Also, ReAAL project has a strong influence in the community, as will be seen in the Governing Board section.

#### 4.1.1. Mailing-list

After the configuration of the mailing list: [dev@universaal.aaloa.org](mailto:dev@universaal.aaloa.org) (as reported in ID2.1a) users make regular use of this tool. Currently there are 23 users (+5 with respect to the previous deliverable) and a total of 383 messages exchanged.

The mailing list has been used for 80 different subjects: this highlights the importance of this tool for the universAAL developers.

#### 4.1.2. Governing Board

We established the universAAL governing board. The main purpose of the board is to drive the development of the universAAL platform, which involves both ReAAL and non-ReAAL partners. Currently, all non-ReAAL partners come from the universAAL project

The governing board communicates by means of the [board@universaal.aaloa.org](mailto:board@universaal.aaloa.org) mailing list. This list is restricted only to the board members.

The governing board recently discussed the policies regulating the development process of the universAAL platform. The policies have been approved and the next step will be the formal approval.

#### 4.1.3. Website

The website of <http://universaal.aaloa.org/> is maintained and updated according to the universAAL release. It contains the most important pointers to the universAAL resources such as Developer Depot, GForge, Reference Documentation as well as the links to the universAAL releases 3.1.0 and 3.2.0.

The site is going to be updated with the GitHub link for the universAAL project and the next release 3.3.0.

#### 4.1.4. GitHub

The migration procedure of the universAAL project to GitHub has started (<https://github.com/universAAL>). The migration procedure is not far for the final completion. The following subprojects are now hosted on GitHub:

- Context

- Remote
- Ontology
- Native Android
- Platform
- UI
- Tools
- Support
- Service
- Middleware
- LDDI

#### 4.1.5. Future plans for Open Source

The governing board planned to upgrade the infrastructure used by the universAAL project in order to better organize and simplify the access of its resources. Moreover, during this step, the board may decide to move or mirror some of the universAAL project resources to other existing communities with the goal of increasing the visibility of the project.

Some of the actions that are under consideration are:

- Mirror the universAAL project on GitHub (<https://github.com/>), and eventually use Git as the source code management system.
- Migrate (or mirror if possible) the issue tracking system of all the universAAL GForge subprojects in a single tool, like BugZilla (<http://www.bugzilla.org/>), RedMine (<http://www.redmine.org/>), or Trac (<http://trac.edgewall.org/wiki/TracStandalone>)
- Open the access to the wiki of the universAAL project to users that are not registered the universAAL GForge website.

If any of these actions gets to take place, the corresponding procedures defined in the Platform Support Framework of D2.2 will be updated and the updates be reported in the next version of this ID2.1 deliverable.