

**Quality Criteria Verification**  
**Executive Summary**  
**For QCV, Stage Rollout, DMSU and EGI internal**

Name of the component	UNICORE HILA		
Release	2.3.0	RT Ticket	4521
Software Provider	EMI		
Release Contact	Name: Cristina Aiftimiei	E-Mail	cristina.aiftimiei@pd.infn.it
Validator	Name: Mathilde Romberg	E-Mail	m.romberg@fz-juelich.de
V. Hours Worked	7		
Component status	<b>verified</b>	Date	06.11.2012
Verification start date	31.10.2012	Verification end date	06.11.2012

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>	2		2	4
<b>VLD</b>	14		6	20
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>				

**Summary:**

HiLA is a convenient toolkit for building web interfaces or command line environments for Grids. In the A-WARE project, we are using HiLA as the basis for a Grid agent component to be plugged into a service bus, which is then used as for building higher-level orchestration services for Grids. HiLA is an API for accessing Grid resources of different middleware in a consistent manner.

**Validator comments:**

The HiLA debian package was easy to install. All necessary documentation is available. With HiLA-shell the functionality can easily be tested.

**Not applicable Quality Criteria**

- GENERIC\_SERVICE\_1 (Service control and status)
- GENERIC\_SERVICE\_2 (Log Files)
- GENERIC\_SERVICE\_3 (Service Reliability)
- GENERIC\_SERVICE\_5 (Automatic Configuration)
- GENERIC\_SERVICE\_6 (Default Password Configuration)
- GENERIC\_SEC\_2 (Directory Traversal Attacks testing)
- ACC\_PORTAL\_6 (Accounting Portal Site Admin View)

As HiLA is a client API and not a service the listed criteria are not applicable

**Specific Functional Tests to be repeated in SR:**

Test number	Description	Motivation

**Specific Non-functional tests (Scalability, etc...) to be repeated in SR:**

Test number	Description	Motivation

**Comments for UMD QC definition (TSA2.2):**

- Review criteria xxxx
- Add criteria xxxx

**Comments for SR (TSA1.3):**

none

**Comments for DMSU (TSA2.5):**

none

**Comments for TP:**

none

Criteria	Accepted (Y/N/N)	Tested (TP/VLD)	Comments	RELEASE:	EMI 2.4	VALIDATOR	Mathilde Romberg	RT TICKET:
<b>DOCUMENTATION QC</b>								
None	Optional							
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf">http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf</a>					
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/unicore-hila-1">http://www.eu-emi.eu/emi-2-matterhorn-products/-/asset_publisher/B4Rk/content/unicore-hila-1</a>					
GENERIC_DOC_3 (User Documentation)	Y	VLD	<a href="http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf">http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf</a>					
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	available by calling 'help' in HiLA Shell					
GENERIC_DOC_5 (API Documentation)	Y	VLD	<a href="http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf">http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf</a>					
GENERIC_DOC_6 (Administrator Document)	Y	VLD	<a href="http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf">http://unicore-dev.zam.kfa-juelich.de/documentation/hila-2.3.0-rc/hila-grid-api/hila.pdf</a>					
GENERIC_DOC_7 (Service Reference Card)	NA	VLD	it is not a service					
GENERIC_DOC_8 (Software License)	Y	VLD	BSD					
<b>SOFTWARE DISTRIBUTION QC</b>								
GENERIC_DOC_9 (Release changes testing)	Y	TP						
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	<a href="http://unicore.svn.sourceforge.net/viewvc/unicore/hila/">http://unicore.svn.sourceforge.net/viewvc/unicore/hila/</a>					
<b>SOFTWARE FEATURES QC</b>								
GENERIC_DIST_3 (Binary Distribution)	Y	VLD						
GENERIC_SOFT_1 (Backwards Compatibility)	Y	TP						
<b>SERVICE CRITERIA QC</b>								
GENERIC_SOFT_2 (New features testing)	Y	VLD	changes between EMI 2.0 and this update are for debian packaging only					
GENERIC_SERVICE_1 (Service control and)	NA	VLD	it is not a service, it is a client API					
GENERIC_SERVICE_2 (Log Files)	NA	VLD	everything is written on command line					
GENERIC_SERVICE_3 (Service Reliability)	NA	VLD	it is not a service, it is a client API					
GENERIC_SERVICE_5 (Automatic Configur)	NA	TP						
<b>SECURITY QC</b>								
GENERIC_SERVICE_6 (Default Password C)	NA	VLD	it is not a service, it is a client API					
GENERIC_SEC_2 (Directory Traversal Attac)	NA	VLD	it is not a service, it is a client API					
<b>MISCELLANEOUS QC</b>								
GENERIC_SEC_3 (Passwords in world read)	Y	VLD	configuration files are located in the user's home directory and are not world readable					
<b>AUTHENTICATION QC</b>								
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	UNICORE Client is the related GGUS support unit					
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD						
<b>CLIENT TOOLS QC</b>								
ACC_PORTAL_6 (Accounting Portal Site Adr)	NA	TP						
CLIENT_TOOLS_1 (Command lineOptions c)	Y	VLD						