VISHNU - UMS - Web Services Interface - Tests report

COLLABORATORS			
	TITLE : VISHNU - UMS - Web Services Interface - Tests report		
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REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME
1	24/03/2011	Deliverable version	K. COULOMB

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1 Acronyms

WS : Web Services

OS : Operating system

2 Environment for the WS tests

Test type	WS functional Test
Database used	PostgreSQL 8.4
JBOSS used	JBOSS Application Server v5.1.0 and JBOSS-WS CXF v3.3.1
Author of the test code	K. Coulomb
Author of the report	K. COULOMB
OS used to test	Ubuntu 10.04
Cmake	V2.8
gcc	V4.3.3
DIET	V2.6.1

3 Tests methodology

The WS tests are made using **JUnit** framework. They are based on a subset of the test scenarios described in the UMS test plan (reference D2.1b). The objective of these tests is to confirm that the service is executed without exception in a normal case, and to confirm the right exception is raised in an exception case.

The tests qualified as "simple" on a given functionality of the UMS module correspond to a functional test of the main scenario without optional parameters. The tests of the optional parameters have been already done for the C++ API on which this WS interface is directly based.

4 Results

Date	Test description	Command(s) tested	JUnit Success
13/05/11	Simple submit job	submitJob	OK
13/05/11	Simple get job info	getJobInfo	OK
13/05/11	Simple list job	listJobs	OK
13/05/11	Simple list queues	listQueues	OK
13/05/11	Simple getJobProgress	getJobProgress	OK
13/05/11	Simple get completed jobs output	getCompletedJobsOutput	OK
13/05/11	Simple cancel	cancelJob	OK
13/05/11	Unfinished job to get output	handling exception	OK