Tests report of TMS package

COLLABORATORS			
	TITLE : Tests report of TMS package		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	Eugène PAMBA CAPO-CHICHI	May 2011	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Functional tests

The tests which follows have been done in the following environment:

- Database used : PostgreSQL 8.4

- OS used for the test : Ubuntu 10.10

- Cmake version : V2.6

- gcc version : V4.3.3

- DIET version : V2.6.1

1.1   T1.1 - Submit a job

Api command: submitjob

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T1.1-B	Normal execution of submitjob	The job identifier is returned	The job identifier is returned	0
T1.1-E1	Bad session key	VishnuException	VishnuException	0
T1.1-E2	Bad machine Identifier	VishnuException	VishnuException	0
T1.1-E3	Bad script content	VishnuException	VishnuException	0
T1.1-E4	Bad script path	VishnuException	VishnuException	0

1.2   T2.2 - Cancel a job

Api command: cancelJob

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T2.2-B	Normal execution of cancelJob	The job is cancelled	The job is cancelled	0
T2.2-E1	Bad session key	VishnuException	VishnuException	0
T2.2-E2	Bad machine Identifier	VishnuException	VishnuException	0
T2.2-E3	Bad job identifier	VishnuException	VishnuException	0

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T2.2-E4	Job canceling by a user who is not an administrator and not the owner of the job	VishnuException	VishnuException	0

1.3   T2.1 - Get job information

Api command: getJobInfo

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T2.1-B	Normal execution of getJobInfo	The job object is returned	The job object is returned	0
T2.1-E1	Bad session key	VishnuException	VishnuException	0
T2.1-E2	Bad machine Identifier	VishnuException	VishnuException	0
T2.1-E3	Bad job identifier	VishnuException	VishnuException	0

1.4   T2.5 - Get jobs progression

Api command: getJobProgress

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T2.5-B	Normal execution of getJobProgress	The job progression object is returned	The job progression object is returned	0
T2.5-E1	Bad session key	VishnuException	VishnuException	0
T2.5-E2	Bad machine Identifier	VishnuException	VishnuException	0
T2.5-E3	Bad job identifier	VishnuException	VishnuException	0

1.5   T2.6 - Get one job outputs

Api command: getJobsOutput

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T2.6-B	Normal execution of getJobsOutput	The job output files are returned	The job output files are returned	0
T2.6-E1	Bad session key	VishnuException	VishnuException	0
T2.6-E2	Bad machine Identifier	VishnuException	VishnuException	0
T2.6-E3	Bad job identifier	VishnuException	VishnuException	0
T2.6-E4	Identifier of job not terminated	VishnuException	VishnuException	0

1.6   T2.7 - Get all completed jobs outputs

Api command: getCompletedJobsOuput

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T2.7-B	Normal execution of getCompletedJobsOuput	The job output files of all completed jobs are returned	The job output files of all completed jobs are returned	0
T2.7-E1	Bad session key	VishnuException	VishnuException	0
T2.7-E2	Bad machine Identifier	VishnuException	VishnuException	0

1.7 T2.3 - List job queues

Api command: listQueues

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T2.3-B	Normal execution of listQueues	The list of queues is returned	The list of queues is returned	0
T2.3-E1	Bad session key	VishnuException	VishnuException	0
T2.3-E2	Bad machine Identifier	VishnuException	VishnuException	0

1.8 T2.4 - List jobs

Api command: listJobs

ID test	Description of the test cases	Output expected	Output gotten	Error and remarks
T2.4-B	Normal execution of listJobs	The list of jobs is returned	The list of jobs is returned	0
T2.4-E1	Bad session key	VishnuException	VishnuException	0
T2.4-E2	Bad machine Identifier	VishnuException	VishnuException	0