



TSTG General Meeting: Current Strategy

A decorative horizontal bar with a wavy, multi-colored pattern in shades of blue, black, yellow, and light blue.

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TSTG Targets



- This is a reminder about a meeting held at CERN on March 20th, after Marseille one, with I.B., Z.S., F.C. and G.G.
- TSTG involved in 2 main areas:
 - Site Validation (I&C, up to Unit Testing for a rather limited site)
 - initial check of the install
 - check when changes occur
 - regular re-checking (daily checks) <- this precisely implies Unit Testing
 - filesystem full, memory exhaustion, DB full, list full, no more inodes
 - Middleware Certification (Functionalities, Robustness, Stress Testing)
 - Globus/Condor <- VDT developers
 - Unit Tests for subsystems <- EDG developers
 - Basic Functional Tests of components (services)
 - Basic Grid Functionalities, on a local TB, like the Cert TB
 - Full Grid Functionalities on a full TB, including remote sites
 - Beyond (HEPCAL and Exp. Beta Testing) is outside of TSTG scope



Some Definitions



- We will consider « per service » tests (CE, SE, RB, ...)
- a given machine can run several services
- a given service is usually made of several subsystems
 - RB is running JSS+LB+...



TSTG tasks



- It was clearly stated that our role is to be Software developers/providers, and that one of our customers will be Cert TB people indeed.
- We will not achieve tests ourselves, unless accidentally on the Cert TB when developing
- We will have to provide a tool which can be included into a regression suite for M/W certification, with all the implications (automated running).
- Versions:
 - VDT 1.1.7/8
 - EDG-2.0 (meaning LCG-1)
 - LCG-0 is out of the scope



Which TB to work on ?



- With this in view, we agreed to work/develop on the EDG 2.0 Cert TB, which will probably be an unstable and quickly evolving one. And we will migrate from the existing TSTG TB (the one with edg-1.4.3), after backuping everything.
- We should expect an advance warning of 2 days when the current TSTG TB will be scratched (the machines will be recycled ASAP).
- One should not expect to have this Cert TB operational on the very first minute, but development could go on with this setup anyway.
- This should allow us to be more in sync with the expected EDG 2.0 fast evolution, barring instabilities.



Priorities / Software Plan



- It was strongly suggested the following priorities:
 - 1 Adapt/validate/migrate the existing Certification tests to EDG 2.0
 - 2 Develop Missing Certification tests for EDG 2.0
 - 3 Migrate Site Validation tests to EDG 2.0
- Point 3 is clearly delayed, but must **NOT** be dropped
 - in fact we have no manpower for it
- Manpower issues
 - Current staff is only 3 FTE ($FC+GG+0.5*(GM+MB)$)
 - We can expect 3 more members from IFAE (forget about it)
 - We can expect 3 more people from Russia (3 months each)
 - we expect them to be doing R-GMA I&C and/or Unit Testing



Contributions



- Basically, we should receive tests built by the developers, but we received nothing up to now.
 - Globus/CondorG: VDT testers
 - Frédérique is investigating a February Testing Suite
 - RLS (I&C): M.L.+D.S.
 - RLS Unit Testing: Cal provided a suite of 5 scripts (untested)
 - JobStorm: A.S. -> READY, not installed
 - CopyStorm/SE tests: G.G. -> **DONE**, not migrated
 - RepStorm/RM tests: G.G. -> **DONE**, not migrated
 - RM suite: G.M.+M.B. -> **DONE**, migrated ?
 - RB: WP1 tests (asked Cal for some help about this, nothing new)
 - R-GMA, VOMS, ...



Deliverable issues



- For the time being (next 2-3 weeks), we will try to go on with **tarball** deliveries once a week or so.
- Afterwards everything must be stored into the **EDG CVS** repository, and an automated script should allow for delivering a Tarball as well as an RPM, from the proper packaging of these 2 CVS modules (I am very late on this)
 - 1 edg-tests
 - 2 edg-site-certification
- The release style will be "Release Soon, Release Often", and we will try to achieve a release every other week at least (with strong suggestion to achieve it every week in fact).