RELEASE PROCESS

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BASICS

- Technical board (WPs, Bob, release manager) determines which new features should go into next release, sets the next release date
- Release manager establishes planning and the beta-test date
- Everybody submits to this discipline to ensure a quality release

Release Groups

- **Installation Team Group** (iTeam)
- **Testing group** (TSTG)
- **Certification Group** (CTG)

ITeam responsibilities

- the software can be build and packaged without obvious errors
- the software passes the integration test suite
- ensure that all fixes/features introduced into the software have their entry in the bugzilla, verify that entry has been updated when the fix/feature is checked into the software tree

ITeam responsibilities (cont.)

- build all standard configurations (with different compilers, libraries, etc…) as defined by the GDB and test them with the integration test suite
- report all problems via bugzilla
- follow up with development problems reported in bugzilla

TSTG responsibilities

- testing basic grid functionality
- testing grid services
- testing security
- testing information
- testing resource brokering
- testing data catalogue and replication
- testing connectivity
- testing configurability
- testing basic grid functionality

TSTG responsibilities (cont.)

- testing error recovery, fault tolerance
- organize and perform complete geographically distributed tests as defined by GDB
- make sure all new features come with the documentation
- maintain the automated test suite
- create and perform destructive tests
- report every problem via bugzilla

CTG responsibilities

- setup, configure and maintain certification testbeds
- verify the TSTG tests are complete and OK
- follow up other GDB requirements for the Grid certification, create appropriate certification tests
- ensure all certification tests run
- pay attention to performance issues

CTG responsibilities (cont.)

- work with ATG (Application Test Group) to ensure the complete Grid production testing environment is valid
- create complete release package(s), integrating the up-to-date documentation (the documentation will come from other sources such as User Support Group)
- create CD’s etc for Grid software distribution