

# 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