



Enabling Grids for E-science

Use of QMTest framework

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- **About QMTest.**
- **Demo.**



- **CodeSourcery: software design/engineering, open source code management.**
- **QMTest: testing solution available under GNU license.**
- **Use XUnit framework to create our test suites.**
 - No external tool for running tests.
- **QMTest as a very helpful complement**
 - Testing tool to create, organize and execute tests and test suites.
 - Provides CLI and GUI.
 - Easy to use.
 - Windows/Linux/Solaris supported.
 - Store tests results and reload later.
 - Supported by SPI Tools group (Alberto Aimar).

As a tester:

- **Installation: External package in build system.**
- **QMTest database: Dir to store tests (.qms and .qmt)**
- **Running QMTest:**
 - CL: `qmtest -D <DB_DIR> <TEST_SUITE>`
 - GUI: `qmtest -D <DB_DIR> gui`
- **Failure criteria: std. output, std. error, and return code.**

As a user:

- **Results visualization (web support by SPI Tools group)**
- **gLite IO test suite (glite-testing-data-io-server) can be run using QMTest.**