

## Automated Test Script and Integration with Rational Quality Manager

### Client

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### Scope

The scope of the project was to develop automated regression test scripts in Rational Functional Tester and integrate that with the Rational Quality Manager in the new IBM Jazz platform. The solution allows to:

- Requirements and test case traceability
- Test resource management and workflow control
- Test script baseline and versioning
- Support NIH productivity and accountability
- Test execution from an integrated test environment
- Report on project status with asset versioning, metrics collection, and trending for informed business decisions
- Prioritizing individual work items and tracking team status
- Train existing users with the new tool

### Solution

Our development testing team developed and implemented the scripts in the IBM Rational Functional Tester for the Jazz platform. The process implied intensive R&D and prototype development & testing activities. This experience helped our team to extend our knowledge base and provided us with much needed understanding of the IBM Rational tools. The following major features were achieved during this project duration:

- Provided detailed understanding of the integration and planning process
- Test management was augmented with greater efficiency
- Test metrics and tracking initiated
- Requirements traceability with test cases implemented
- Integration of RFT and RQM implemented
- Work flow generation and work load analysis done