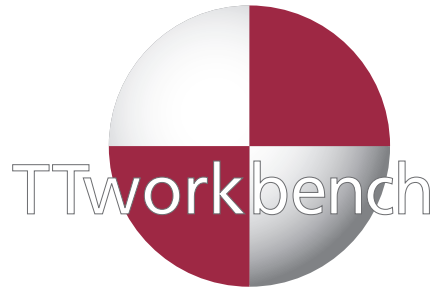


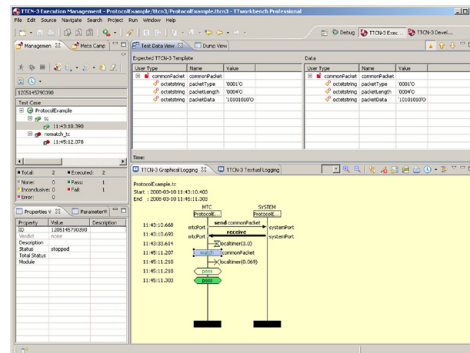
Features of TTworkbench

- TTman:** Test management, execution and analysis
CL Editor: TTCN-3 Core Language Editor including T3Doc
TTthree: TTCN-3 Compiler
GFT Editor: Graphical TTCN-3 Editor
TTdebug: TTCN-3 source code level debugger
RPDE: Runtime plugin development environment



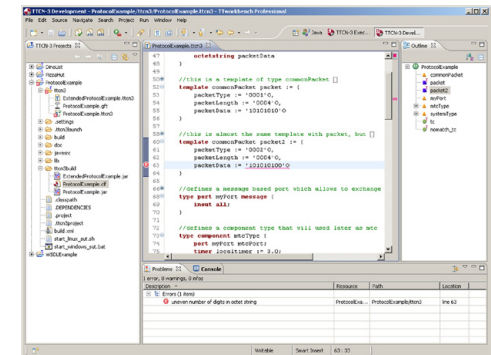
TTman: Manage, execute and analyze TTCN-3 compiled test suites

- Definition, execution, saving and resuming of test campaigns project-wise
- Textual and graphical logging with different levels
- Test data view with analysis support
- Follow TTCN-3 source function
- Selection and configuration of test adapter and runtime plugins (ports, codecs, external functions)
- Statistics view
- Generation of test reports (HTML, PDF, Excel, Word)
- Scripting for batch mode tests
- Command line option



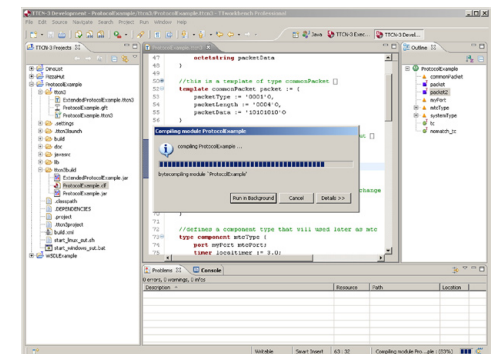
CL Editor: User-friendly, text-based test definition (including T3Doc)

- Full support of the TTCN-3 ETSI standard
- Text formatting and syntax highlighting
- Text annotation and error reporting with source navigation
- Code folding, code templates
- TTCN-3 data generation and modification wizard
- Content assistance
- Module dependency graph
- Outline page showing specification structure
- Quick fix support
- Refactoring
- T3Doc HTML export



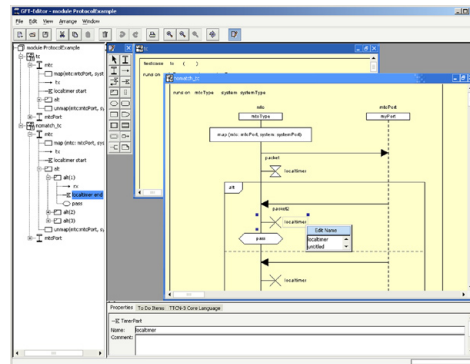
TTthree: Compile TTCN-3 modules into test executables

- Platform-independent compilation and execution
- Full support of the TTCN-3 ETSI standard
- Flexible adaptation to test devices via standardized TTCN-3 Runtime Interface (TRI)
- Easy integration of external codecs via standardized TTCN-3 Control Interfaces (TCI)
- Command line option



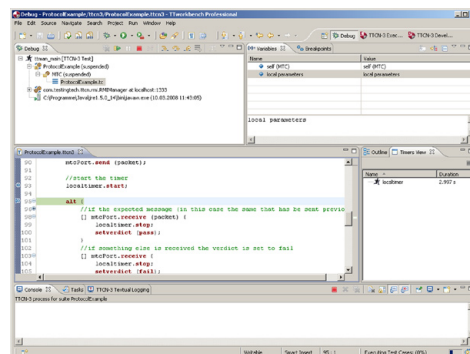
GFT Editor: User-friendly graphical test specification & documentation

- Graphical design and visualization of test cases as GFT sequence diagrams
- Native TTCN-3 data import
- On-line generation of TTCN-3 Core Language
- Automatic generation of GFT (graphics) out of TTCN-3 Core Language
- Flexible export of graphics into GIF (documentation)



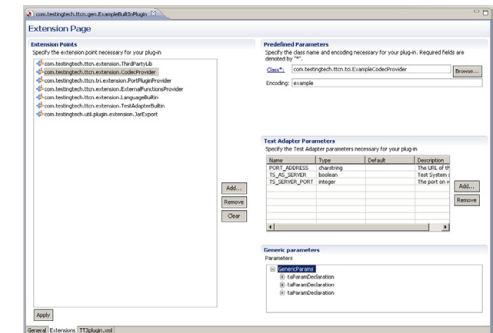
TTdebug: TTCN-3 source code level debugger

- Transparent debugging of TTCN-3 and Java-based test adapters and codecs simultaneously
- GUI based setting/removal of breakpoints and watchpoints
- Manually suspending/resuming running test suites
- Stepping through a suspended test suite
- Viewing the status and the stack traces of multiple components
- Content viewing and modification of local and component variables from base or structured types and of local parameters
- Viewing the status of timers and manually triggering timeouts



RPDE: Create your own plugins

- Intuitive framework for developing TTCN-3 runtime extension plugins
- Editing in a plain mode as well as in a GUI assisted mode for all features of a TTCN-3 runtime plugin



Reference Platforms

- Java 6
- Microsoft Windows XP, Vista, 7 (x86-32)
- Red Hat Enterprise Linux (GTK, x86-32, x86-64)
- Fedora (GTK, x86-32, x86-64)
- SUSE Linux (GTK, x86-32, x86-64)

TTworkbench Product Overview

TTworkbench	Professional	Basic	Express
TTman	✖	✖	✖
CL Editor	✖	✖	
TTthree	✖	✖	
GFT Editor	✖		
TTdebug	✖		
RPDE	✖		