

atollic



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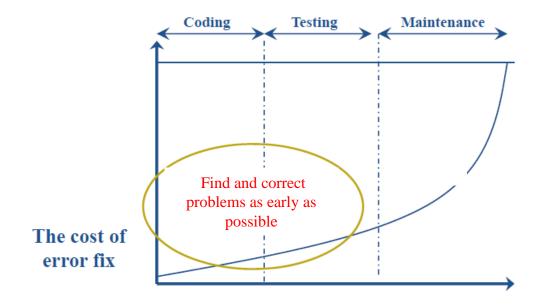
Atollic TrueVERIFIERTM

Improve software quality with test automation!





Software errors are more expensive to find & fix later



By finding bugs earlier, you reduce cost, development time and secure your company/product reputation





Test automation

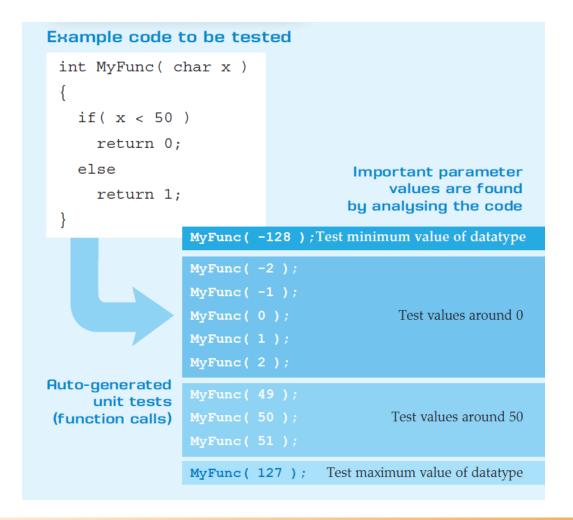


What is it?	The means by which a software tool analyse the source code of a program, generates suitable test cases and run them automatically.
Why do it?	With auto-generated test cases, the code & tests are always synchronized, test cases cover a much larger part of the code, and good testing becomes easier and better.
How does it work?	A tool analyze an application, generate test cases, and execute them with execution-path monitoring. Once a test session is completed, test results and test coverage information is presented to the developer or tester.





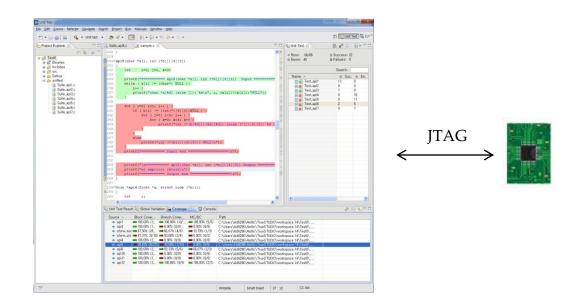
Automatic generation of tests







TrueVERIFIERTM overview

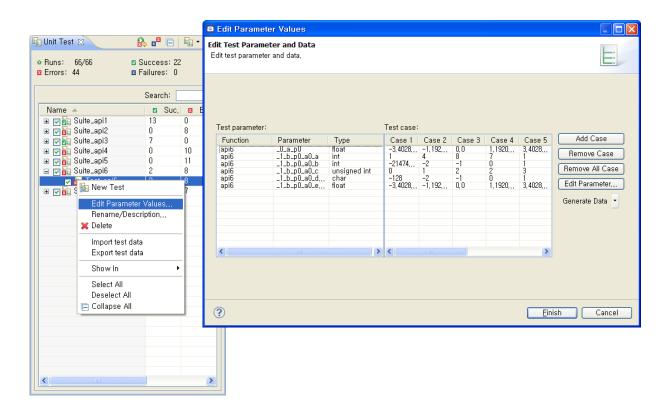


- Test automation tool running unit tests on target board
- Analyses the application source code
- Auto-generation and auto-compilation of unit test source code (C)
- Auto-download (JTAG) and auto-execution in target board
- Auto-upload test results and test coverage (MC/DC-level)





Test data

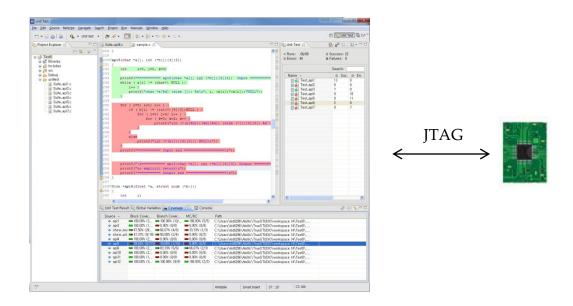


- Automatic test data generation
- Edit test parameters and data in GUI
- Export and import test data in CSV format





Test execution

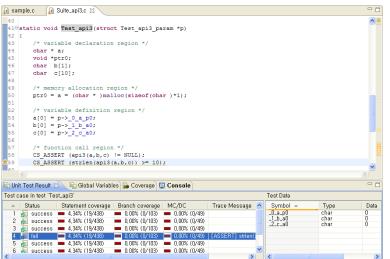


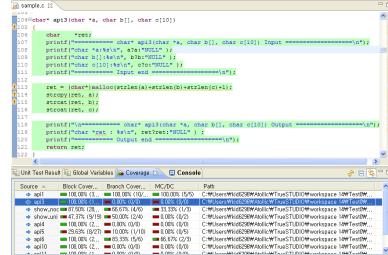
- Auto-build generated test cases using the TrueSTUDIO® compiler
- Auto-download compiled test cases using the TrueSTUDIO[®] debugger
- Auto-execution of test cases in target board
- Execution-path monitoring of code execution





Test results





- Display test results (success/failure/error)
- Display test coverage (Statement-, Branch-, MC/DC-coverage)







DEMO

Improve your software quality with Atollic TrueVERIFIER™!

www.atollic.com

"Embedded passion"



Contact Us



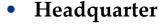
• Italy

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