



## Atollic TrueSTUDIO/STM32 v2.0 is released!

**Jonkoping (Sweden), 16th of February 2011** –Atollic® AB today announced that Atollic TrueSTUDIO®/STM32 v2.0 is released. The new release is a major upgrade with over 2000 improvements compared to the previous version.

Atollic TrueSTUDIO is a C/C++ development and debugging tool for STM32 devices from STMicroelectronics, and it offers a leap in software development team collaboration and developer productivity. Atollic also provides a professional code quality analysis and test automation toolbox to STM32 developers.

*“STM32 is one of the world’s leading 32-bit microcontroller families, and we are very pleased to extend our support for this popular family of devices”, added Magnus Unemyr, Vice President of Sales and Marketing at Atollic. “With many new features that increase developer productivity and provide automated and systematic code validation, we bring STM32 tool support to a completely new level, for the benefit of thousands of developers world-wide.”*

Atollic TrueSTUDIO®/STM32 v2.0 ship today, and is by far the most powerful development tool available for STM32, including many advanced features, such as:

- An upgraded IDE with new features in the editor, build system and debugger
- Parallel compilation and multiprocessor debugging
- Integrated features for source code review and code review meetings
- Integrated bug database client that connects to many popular bug database systems
- Integrated version control system client with revision graph visualization
- ARM® C/C++ build and debug tools for development of STM32 applications
- x86 C/C++ build and debug tools for development of PC command-line applications
- Graphical UML diagram editors for model based design and architecture

Additionally, Atollic TrueSTUDIO®/STM32 have excellent STM32 target support:

- High density devices
- Medium density devices
- Low density devices
- Connectivity line devices
- Low density Value Line devices
- Medium density Value Line devices
- XL density devices
- High density Value Line devices
- Ultralow power devices

Atollic TrueSTUDIO®/STM32 support a wide range of STM32 evaluation boards and popular JTAG probes, including ST-LINK from STMicroelectronics and J-Link from Segger.

Furthermore, Atollic have integrated add-on products that integrate seamlessly into Atollic TrueSTUDIO®/STM32. These products provide professional code quality analysis and test automation to STM32 developers:

- **Atollic TrueINSPECTOR/STM32:** This product performs static source code inspection and generates software metrics, including code complexity measurements. The source code is validated against a database of formal coding standards, and coding constructs that are known to be error-prone are detected automatically. Atollic TrueINSPECTOR supports the MISRA®-C:2004 coding standard.
- **Atollic TrueANALYZER/STM32** This product performs dynamic execution flow analysis and provides rigorous test- and code coverage measurements. Atollic TrueANALYZER support execution flow monitoring in target and provides many types of code coverage analysis, up to the level of Modified condition/decision coverage (MC/DC-level) as required by RTCA DO-178B (Level A) for flight-safety-critical software.
- **Atollic TrueVERIFIER/STM32:** This product performs source code analysis and auto-generate unit tests that exercise many different execution paths. The tool downloads the test cases and run them in an STM32 target board with MC/DC-level code coverage monitoring. Finally, Atollic TrueVERIFIER visualizes the test results and the achieved code coverage.

All-in-all, Atollic TrueSTUDIO®/STM32 is a superior tool for STM32 development, with an unrivalled feature-set and unprecedented integration. With the integrated add-on products for code quality analysis and test automation, STM32 developers get a uniquely powerful arsenal of tools to succeed with the most complex of projects.

A free Lite version is available as a download from the Atollic website.

For more information, visit [www.atollic.com](http://www.atollic.com).

#### **About Atollic**

*Atollic provides professional and highly integrated software development tools to the global embedded systems market. Atollic cooperates with many of the world's largest semiconductor manufacturers and has many partners in related fields. The company's products are distributed via an extensive international distributor network in over 30 countries. Atollic also offers expert software development services, primarily in the automotive, aerospace, defense, industrial and consumer markets. For more information on Atollic, please visit [www.atollic.com](http://www.atollic.com).*

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