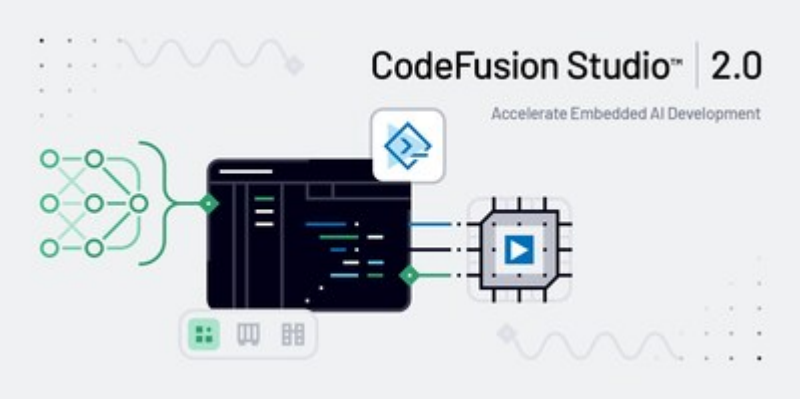
Analog Devices Unveils CodeFusion Studio™ 2.0 to Simplify and Accelerate Embedded AI Development

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- *New End-to-end AI workflow support with bring-your-own-model capability, model checks and performance profiling enables rapid deployment across ADI's full hardware portfolio.*
- *New Unified configuration tools, multi-core support and integrated debugging streamline development across heterogeneous systems.*
- *New Zephyr-based modular framework for runtime AI/ML profiling and layer-by-layer analysis enhances the open source foundation, eliminating toolchain fragmentation and reducing complexity.*

WILMINGTON, Mass., Nov. 3, 2025 /PRNewswire/ -- Analog Devices, Inc. (Nasdaq: ADI), a global leader in semiconductor innovation, today launched CodeFusion Studio ™ 2.0, a significant upgrade to its open source embedded development platform. Designed to simplify and accelerate the development of AI-enabled embedded systems, CodeFusion Studio 2.0 introduces advanced hardware abstraction, seamless AI integration and powerful automation tools to streamline the journey from concept to deployment across ADI's diverse processors and microcontrollers.



"The next era of embedded intelligence requires removing friction from AI development," said Rob Oshana, Senior Vice President of the Software and Digital Platforms group, ADI. "CodeFusion Studio 2.0 transforms the developer experience by unifying fragmented AI workflows into a seamless process, empowering developers to leverage the full potential of ADI's cutting-edge products with ease so they can focus on innovating and accelerating time to market."

Empowering Developers with End-to-End AI Workflows

CodeFusion Studio 2.0 now supports complete AI workflows, enabling developers to bring their own models and deploy them efficiently across ADI's processors and microcontrollers, from low-power edge devices to high-performance DSPs (digital signal processors). The latest platform, based on Microsoft's Visual Studio Code, features a built-in model compatibility checker, performance profiling tools and optimization capabilities that are designed to ensure robust deployment and an accelerated time-to-market.

A new Zephyr-based modular framework enables runtime performance profiling for AI/ML workloads, offering layer-by-layer analysis and seamless integration with ADI's heterogeneous platforms. This encapsulation of toolchains simplifies machine learning deployment and enhances system-level performance insights.

Unified Development Experience

The updated CodeFusion Studio System Planner now supports multi-core applications and expanded device compatibility, while unified configuration tools reduce complexity across ADI's hardware ecosystem. Developers benefit from integrated debugging capabilities, including Core Dump Analysis and GDB (GNU debugger) support, making troubleshooting faster and more intuitive.

ADI Future Proofs Its Digital Roadmap

CodeFusion Studio 2.0 is the latest milestone in ADI's open-source embedded development platform, embodying its commitment to delivering developer-first tools that simplify complexity and accelerate innovation. As ADI expands its digital roadmap, future releases will continue to push the

boundaries of embedded intelligence, bringing deeper hardware-software integration, expanded runtime environments and new capabilities tailored to evolving developer needs as they experiment with physical AI.

"Companies that deliver physically aware AI solutions are poised to transform industries and create new, industry-leading opportunities. That's why we're creating an ecosystem that enables developers to optimize, deploy and evaluate AI models seamlessly on ADI hardware, even without physical access to a board," said Paul Golding, Vice President of Edge AI and Robotics, ADI. "CodeFusion Studio 2.0 is just one step we're taking to deliver Physical Intelligence to our customers, ultimately enabling them to create systems that perceive, reason and act locally, all within the constraints of real-world physics."

Availability

CodeFusion Studio 2.0 is now available for download. Developers can access the platform, documentation and community support at https://developer.analog.com/solutions/codefusionstudio.

Additional Resources

Developer Website
Blog: CodeFusion Studio™ 2.0: Accelerating Deployment of Physical Intelligence
Blog: Rethinking IDE's: The Future of Embedded and AI Development

About Analog Devices

Analog Devices, Inc. (NASDAQ: ADI) is a global semiconductor leader that bridges the physical and digital worlds to enable breakthroughs at the Intelligent Edge. ADI combines analog, digital, and software technologies into solutions that help drive advancements in digitized factories, mobility, and digital healthcare, combat climate change, and reliably connect humans and the world. With revenue of more than $9 billion in FY24 and approximately 24,000 people globally, ADI ensures today's innovators stay Ahead of What's Possible ™. Learn more at www.analog.com and on LinkedIn and Twitter (X).

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Forward-Looking Statements
This press release contains forward-looking statements, which address a variety of subjects including, for example, our statements regarding expected product solutions, offerings, technologies, capabilities, and applications, including those that may incorporate, or be based upon, software; the value and importance of, and other benefits related to, our product solutions, offerings, and technologies to our customers; expected market and technology trends; and other future events. Statements that are not historical facts, including statements about our beliefs, plans and expectations, are forward-looking statements. Such statements are based on our current expectations and are subject to a number of factors and uncertainties, which could cause actual results to differ materially from those described in the forward-looking statements. The following important factors and uncertainties, among others, could cause actual results to differ materially from those described in these forward-looking statements: economic, political, legal and regulatory uncertainty or conflicts; changes in demand for semiconductor products; manufacturing delays, product and raw materials availability and supply chain disruptions; changes in export classifications, import and export regulations or duties and tariffs; our development of technologies and research and development investments; our future liquidity, capital needs and capital expenditures; our ability to compete successfully in the markets in which we operate; reputational damage; changes in our estimates of our expected tax rates based on current tax law;. For additional information about factors that could cause actual results to differ materially from those described in the forward-looking statements, please refer to our filings with the Securities and Exchange Commission, including the risk factors contained in our most recent Annual Report on Form 10-K. Forward-looking statements represent management's current expectations and are inherently uncertain. Except as required by law, we do not undertake any obligation to update forward-looking statements made by us to reflect subsequent events or circumstances.

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