

## SEGGER emWin supports Arduino

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**SEGGER announces the integration of [emWin](#) into the Arduino platform, offering users a seamless way to use emWin in their projects.**

SEGGER's emWin is a cutting-edge, high-performance graphics package, optimized for minimum memory consumption, both in RAM and ROM, as well as for high speed and versatility. It provides high-quality graphic functions and can be adapted to any size display, physical or virtual.

Users equipped with the Arduino GIGA R1 board and the corresponding Arduino GIGA Display Shield can now seamlessly download and utilize emWin directly through the Arduino IDE. The integration process is user-friendly, allowing developers to focus on crafting visually appealing GUIs.

Whether starting from scratch in the Arduino sketch with emWin and utilizing [AppWizard](#) for rapid application development, users can design their applications without any knowledge of the C language since AppWizard automatically generates the necessary code. Advanced users still have the flexibility to add custom code.

To showcase the simplicity of creating applications for Arduino GIGA R1, SEGGER provides an AppWizard example tailored specifically for this model. The demo highlights how easy it is to generate applications, while emphasizing the tool's capabilities and its seamless integration with the Arduino platform.

Key emWin features are widgets, animations, language management, and motion support. Developers can prototype the GUI on the PC, initiating development even before the target hardware is available. SEGGER's emWin is globally embraced by developers for delivering state-of-the-art GUIs for consumer devices and industrial equipment.

"We are very proud of the GIGA R1 WiFi, our board for ambitious makers with big ideas. And SEGGER's emWin helps bring out its full potential," says Leonardo Cavagnis, Firmware Engineer at Arduino. "emWin's AppWizard, together with the Arduino GIGA Display Shield, helps bring brilliant applications to life with ease."

"We are excited about the integration of emWin into the Arduino platform. The combination of emWin and Arduino opens up new possibilities for designing innovative applications and enriches the overall Arduino experience," says Dirk Akemann, Marketing Manager at SEGGER.





For more information visit the [emWin for Arduino](#) and [AppWizard](#) pages on [segger.com](#).

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### About SEGGER

SEGGER Microcontroller GmbH has three decades of experience in Embedded Systems, producing cutting-edge [RTOS and Software Libraries](#), J-Link and J-Trace [debug and trace probes](#), a line of [Flasher In-System Programmers](#) and [software development tools](#).

SEGGER's all-in-one solution [emPower OS](#) provides an RTOS plus a complete spectrum of software libraries including communication, security, data compression and storage, user interface software and more. Using emPower OS gives developers a head start, benefiting from decades of experience in the industry.

SEGGER's professional embedded development software and tools are simple in design, optimized for embedded systems, and support the entire embedded system development process through affordable, high-quality, flexible, and easy-to-use tools.

The company was founded by Rolf Segger in 1992, is privately held, and is growing steadily. SEGGER also has a U.S. office in the Boston area and branch operations in Silicon Valley, Shanghai and the UK, plus distributors on most continents, making SEGGER's full product range available worldwide.

For more information on SEGGER, please visit [www.segger.com](#).

### Why SEGGER?

In short, SEGGER has a full set of tools for embedded systems, offers support through the entire development process, and has decades of experience as the Embedded Experts.

In addition, SEGGER software is not covered by an open-source or required-attribution license and can be integrated in any commercial or proprietary product, without the obligation to disclose the combined source.

Finally, SEGGER offers stability in an often-volatile industry, making SEGGER a very reliable partner for long-term relationships.

For additional information please visit: [www.segger.com](#)

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