

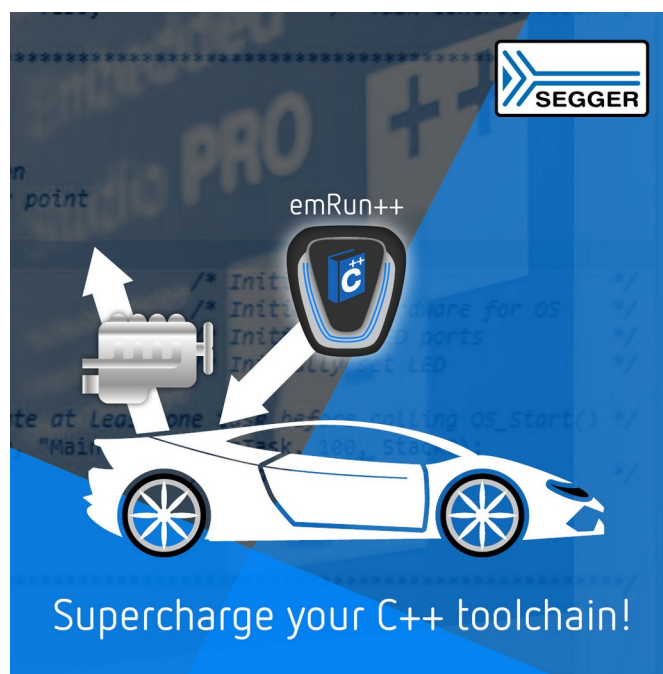
SEGGER makes cutting-edge C++ library available for licensing

Monheim am Rhein, Germany – April 21st, 2022

SEGGER's [emRun++](#) is a groundbreaking C++ library, fully compatible with the modern 2017 standard. It is used and proven in SEGGER's multi-platform [Embedded Studio IDE](#) for [RISC-V](#) and [Arm](#) and is now available for licensing to toolchain vendors.

emRun++ guarantees fast heap operations with a low instruction count limit, enabling even hard real-time applications to be written in C++.

emRun++ is based on SEGGER's efficient [emRun](#) and [emFloat](#) runtime and floating-point libraries. It includes a complete [C++17 Standard Library](#) with generic container templates (such as sets, vectors, lists, queues, stacks, maps), standard algorithms (sorting, searching, transformations), function objects, iterators, localization, strings and streams and utility functions for everyday use cases.



"Nowadays, customers expect a professional toolchain to support a modern version of C++," says Rolf Segger, founder of SEGGER. "Keeping up with the latest standards isn't easy. It makes sense for toolchain vendors to license the technology rather than to build, verify and maintain it themselves."

"Many Silicon Vendors manage their own, free toolchains," says Ivo Geilenbruegge, Managing Director of SEGGER. "For an affordable one-time fee, they can now upgrade the technology under the hood by licensing some or all of our proven, optimized components."

To support common embedded use cases even on resource-constrained targets, the C++ library is available in a "no-throw" configuration, avoiding overhead associated with exceptions.

emRun++ can be evaluated in [Embedded Studio](#) as can other licensable components from SEGGER ([emRun](#), [emFloat](#), [SEGGER Linker](#) and [SEGGER Compiler](#)). Embedded Studio can easily be downloaded for unlimited evaluation, free of charge, with no restrictions in terms of code size, features or duration of use.

For more information on emRun++, please visit:

<https://www.segger.com/products/development-tools/emrunpp/>

Learn more about the Embedded Studio IDE at:

<https://www.segger.com/products/development-tools/embedded-studio/>

###

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 Programmiers](#) 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

Contact information:

Dirk Akemann

Marketing Manager

Tel: +49-2173-99312-0

E-mail: info@segger.com

Issued on behalf of:

SEGGER

Microcontroller GmbH

Ecolab-Allee 5

40789 Monheim

Germany

www.segger.com

SEGGER

Microcontroller Systems LLC

101 Suffolk Lane

Gardner, MA 01440

United States of America

www.segger.com

SEGGER

Microcontroller China Co., Ltd.

Room 218, Block A, Dahongqiaoguoji

No. 133 Xiulian Road

Minhang District, Shanghai 201199

China

www.segger.cn

All product and company names mentioned herein are the trademarks of their respective owners. All references are made only for explanation and to the owner's benefit.