

RA Ecosystem Partner Solution

SixtyFPS Slint GUI Toolkit



Solution Summary

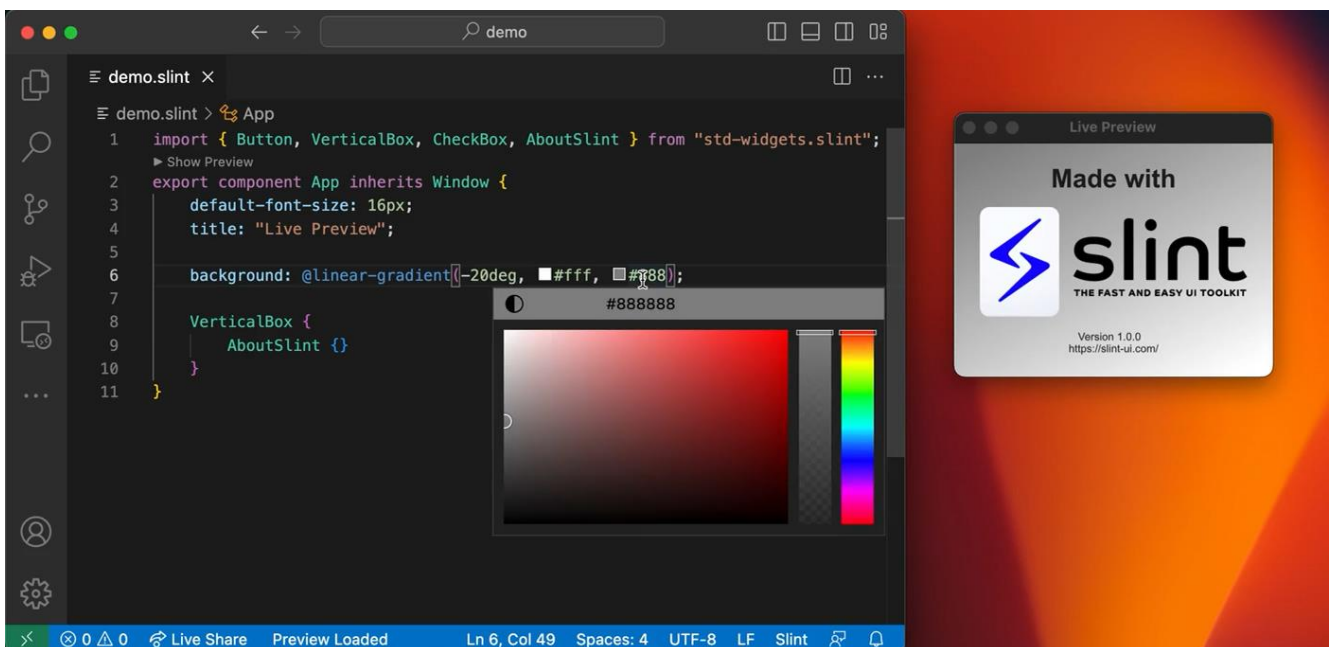
Slint enables fast, modern, and responsive UIs for embedded devices, desktops, and mobile. Built with Rust for safety and efficiency, it includes productivity tools and extensions designed to reduce development time and improve performance.

Support is available for the [RA8D1](#), [RA6M3](#) MCU evaluation kits and expanding to suitable RA MCU family devices.

Features/Benefits

- The only Rust-based GUI toolkit for embedded systems
- Slint enforces a clear separation between UI and business logic, allowing faster iteration, better team collaboration, and easier maintenance
- Figma plugin and Live Preview enable fast iteration, early validation, and faster development
- Seamless integration with C++, Rust, Python, and JavaScript codebase

Diagrams/Graphics



Target Markets and Applications

- Industrial automation
- Energy management
- Healthcare
- Smart home
- Building automation

www.slnt.dev/renesas

Rapid Iteration, Early Validation, Faster Development

Figma Plugin



Select design element in Figma
and get the equivalent Slint code.

Live Preview



View changes to the application
User Interface (UI) instantly.

Automated GUI Testing



Ensure design robustness,
prevent regressions, and avoid
errors when making UI changes.

Plugins for Popular IDEs



Keep using your favourite IDE,
stay productive, and skip the
learning curve.

Multi-platform



Bare-metal, RTOS, *Nix, and more
Slint runs on any OS.

Flexibility to Code



Flexibility to choose your
programming language
Rust, C++, JavaScript, Python.



www.github.com/slint-ui/slint