Evaluation of Rust usage in space applications by developing BSP and RTOS targeting SAMV71

Presentation Days
June 2024

→ THE EUROPEAN SPACE AGENCY

- Budget: 100,000 EUR

- Duration: 12 Months

- Prime: N7 Space Sp. z o.o.

- Main Objectives:

  - Evaluate the usage of Rust language in space applications

By providing an RTOS targeting ARM Cortex-M7 SAMV71microcontroller, a BSP (Board Support Package) and a Demonstration Application