



Company Profile

Established in 2011 in Shanghai, Shanghai Real-Thread Technology Co., Ltd is the owner and development direction controller of RT- Thread, responsible for the core technology development of RT-Thread, community development, ecosystem maintenance and other work. The company has a series of technologies with proprietary intellectual property rights, including highly reliable RTOS, journal-type high-reliability file system under resource-constrained environment, real-time control technology, low power consumption technology, network protocol stack, embedded web technology, graphics library, RT-Thread|Linux hybrid system technology, whose development team members are from the top international companies, with rich experience in the development of embedded system and Internet of Things.

Introduction to RT-Thread

RT-Thread is a technology platform integrating the core of real-time operating system (RTOS), middleware components and developer community, developed under the guidance of Mr. Xiong Puxiang by gathering the strength of open source community. It is featured by small core, high stability and reliability, rich components, which is easy to use and highly scalable. After 11 years of development, RT-Thread already has the largest embedded open source community in China, which is widely used in energy, vehicle, medical, consumer electronics and other industries. It has reached an installed capacity of tens of millions sets, thus becoming the most mature and stable open source RTOS in China developed independently with the largest installed capacity.

RT-Thread has a good software ecosystem, supporting all the mainstream compilers on the market, such as GCC, Keil, IAR, etc. With perfect and friendly tool chain, it supports kinds of standard interfaces, such as POSIX, CMSIS, C++ environment, Javascript environment. It supports all the mainstream MCU architectures. For example, ARM Cortex-M/R/A, Andes, MIPS, X86, Xtensa, C-Sky, RISC-V, it supports almost all mainstream MCU and Wi-Fi chips on the market.

WebSite

www.rt-thread.com