

dnx/FreeRTOS System Documentation

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1 Introduction

The dnx/FreeRTOS is a general purpose operating system based on FreeRTOS kernel. The dnx layer is modeled on well-known Unix architecture (everything is a file). Destination of the system are small microcontrollers supported by FreeRTOS kernel, especially 32-bit. System is easy scalable to user's needs, user can write own drivers, virtual devices, programs and so on. The programs layer is mostly compatible with C standard.

2 Project Build

3 Driver Development

4 Program Development

5 File System Development

6 Limitations