**Introduction**

Welcome to the Nordic Thingy:52 firmware documentation where you will find descriptions for the firmware functions. With the help of this documentation, you can customize the firmware provided in this package and create you own unique Thingy application.

欢迎来到Nordic Thingy：52固件文档，您将在其中找到有关固件功能的说明。 借助本文档，您可以自定义此软件包中提供的固件，并创建您自己的独特Thingy应用程序。

This document consists of the following sections:

* [Firmware architecture](file:///F:\360%E6%9E%81%E9%80%9F%E6%B5%8F%E8%A7%88%E5%99%A8%E4%B8%8B%E8%BD%BD\thingy_sdk_v1.1.0\documentation\firmware_architecture.html) - Overview of the firmware architecture.
* [Compiling new firmware](file:///F:\360%E6%9E%81%E9%80%9F%E6%B5%8F%E8%A7%88%E5%99%A8%E4%B8%8B%E8%BD%BD\thingy_sdk_v1.1.0\documentation\firmware_compile.html) - Instructions on how to compile the firmware using Keil or GCC.
* [Firmware Upgrade](file:///F:\360%E6%9E%81%E9%80%9F%E6%B5%8F%E8%A7%88%E5%99%A8%E4%B8%8B%E8%BD%BD\thingy_sdk_v1.1.0\documentation\dfu.html) - Firmware upgrade procedures, including Over-the-air Device Firmware Update (OTA-DFU).
* [Release Notes](file:///F:\360%E6%9E%81%E9%80%9F%E6%B5%8F%E8%A7%88%E5%99%A8%E4%B8%8B%E8%BD%BD\thingy_sdk_v1.1.0\documentation\release_notes.html) - Release notes and firmware changelog.
* 固件架构 - 固件架构概述。
* 编译新固件 - 有关如何使用Keil或GCC编译固件的说明。
* 固件升级 - 固件升级程序，包括空中设备固件更新（OTA-DFU）。
* 发行说明 - 发行说明和固件更新日志。

**Related documentation:**

* [Nordic Thingy:52 User Guide](http://infocenter.nordicsemi.com/topic/com.nordic.infocenter.rds/dita/rds/designs/thingy/intro/frontpage.html)
* [nRF5 SDK v12.1.0 documentation](http://infocenter.nordicsemi.com/topic/com.nordic.infocenter.sdk5.v12.0.0/index.html)
* [nRF52 Development Kit documentation](http://infocenter.nordicsemi.com/topic/com.nordic.infocenter.nrf52/dita/nrf52/development/nrf52_dev_kit.html)
* [nRF52832 Product Specification document](http://infocenter.nordicsemi.com/topic/com.nordic.infocenter.nrf52/dita/nrf52/chips/nrf52832_ps.html)