

DesignNews

Developing IoT Applications with Nordic nRF Modules

Day 1:

Install and Configure the nRF Connect SDK

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Fred Eady

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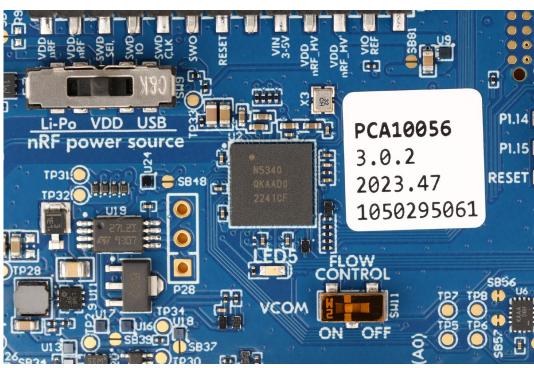


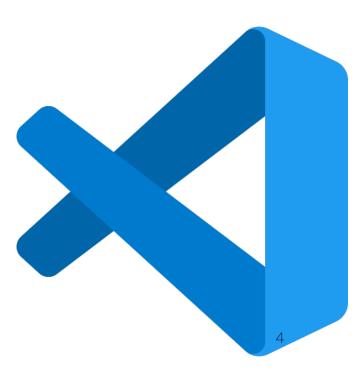
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AGENDA

- Install the nRF Connect SDK
- Nordic nRF52840 DK Walk Around
- Build, Flash and Run blinky









Developing IoT Applications with Nordic nRF Modules
Install and Configure the nRF Connect SDK
Install the nRF Connect SDK - nRF Prequisites



nRF Command Line Tools

Choose platform and version

Choose your Desktop platform and select version (latest released version recommended)

Linux x86 64

Selected version 10.24.0 Linux x86 64

- nrf-command-line-tools_10.24.0_amd64.deb
- nrf-command-line-tools-10.24.0-1.x86_64.rpm
- nrf-command-line-tools-10.24.0_Linux-amd64.tar.gz



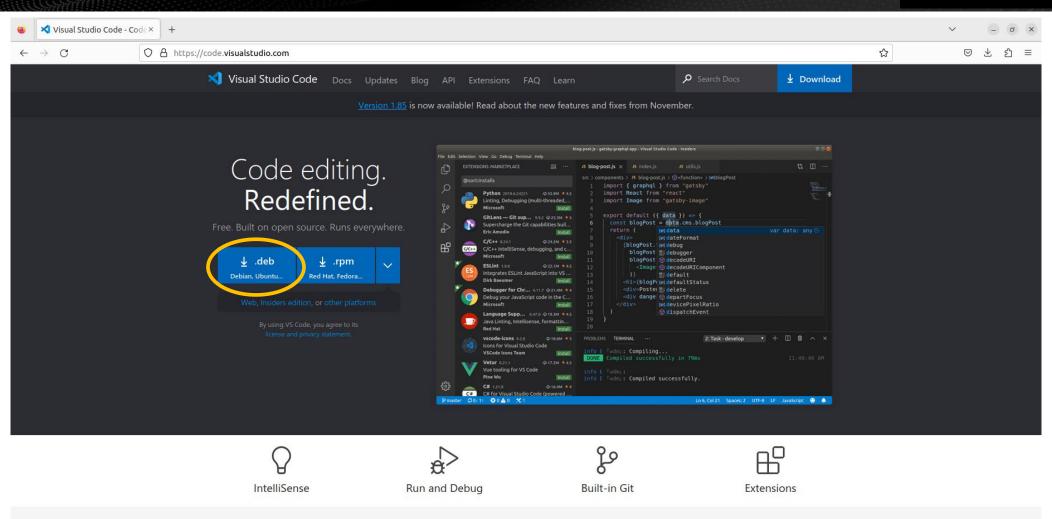




Developing IoT Applications with Nordic nRF Modules Install and Configure the nRF Connect SDK Install the nRF Connect SDK - nRF Prequisites

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Visual Studio Code



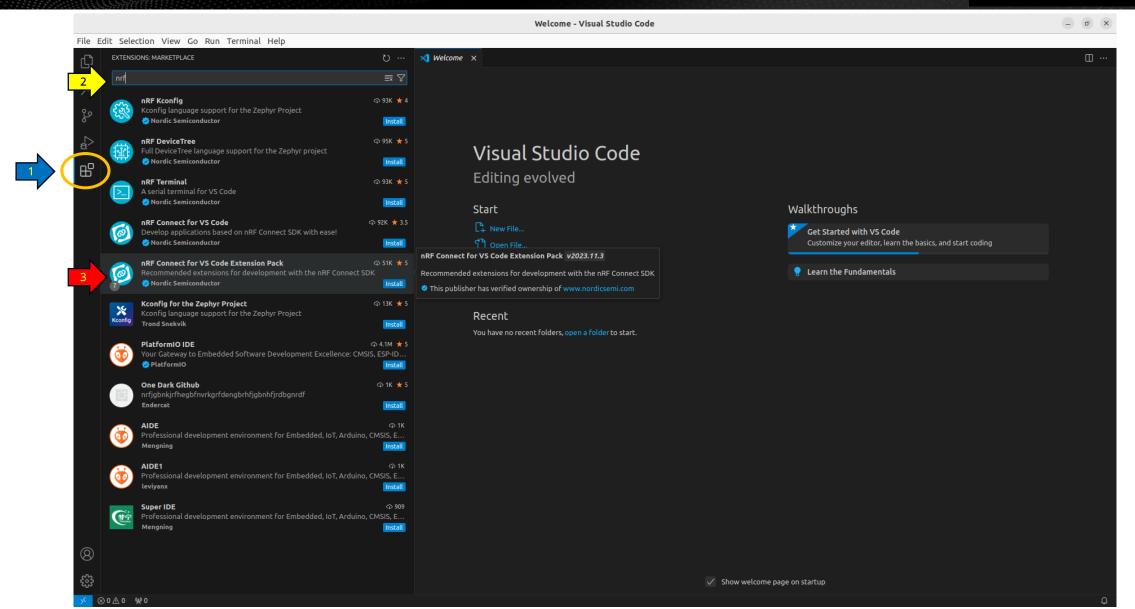
Meet IntelliSense.



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Install and Configure the nRF Connect SDK
Install the nRF Connect SDK - nRF Prequisites

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nRF Connect for Visual Studio Code Extension Pack



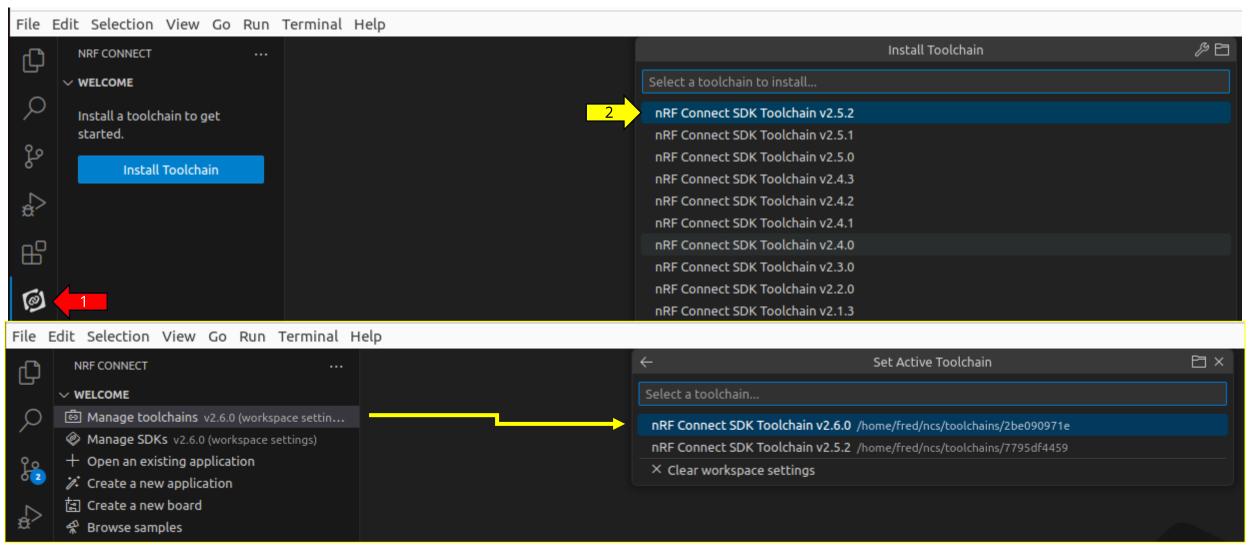


Developing IoT Applications with Nordic nRF Modules Install and Configure the nRF Connect SDK

Install the nRF Connect SDK - SDK Toolchain



nRF Connect SDK Toolchain



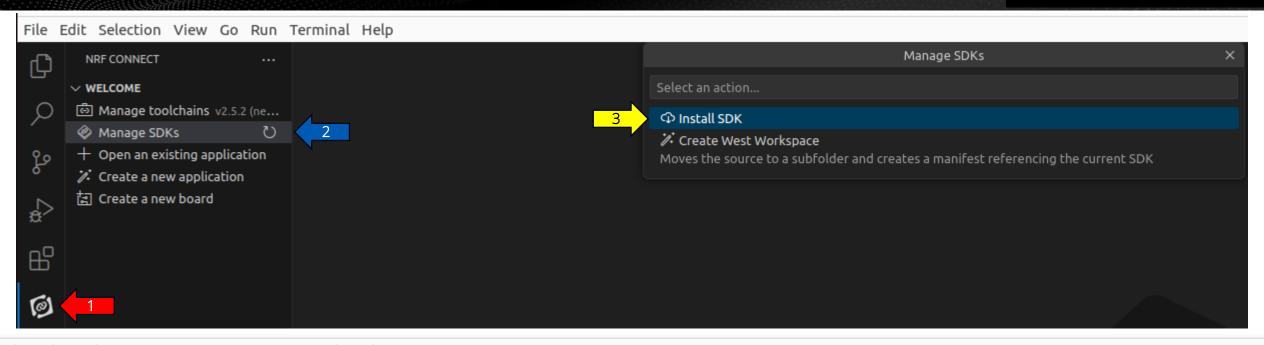


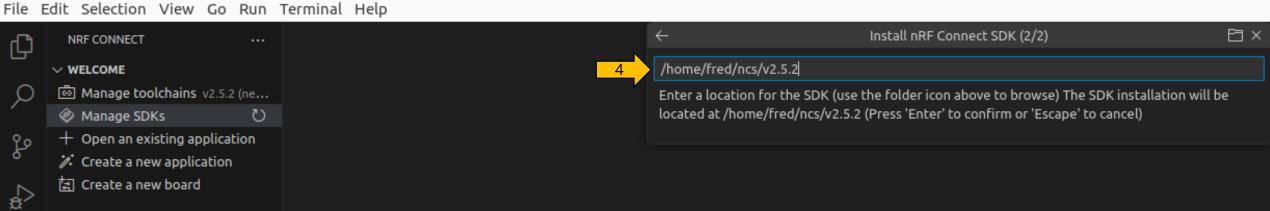
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Install the nRF Connect SDK - SDK



Get the nRF Connect SDK Code



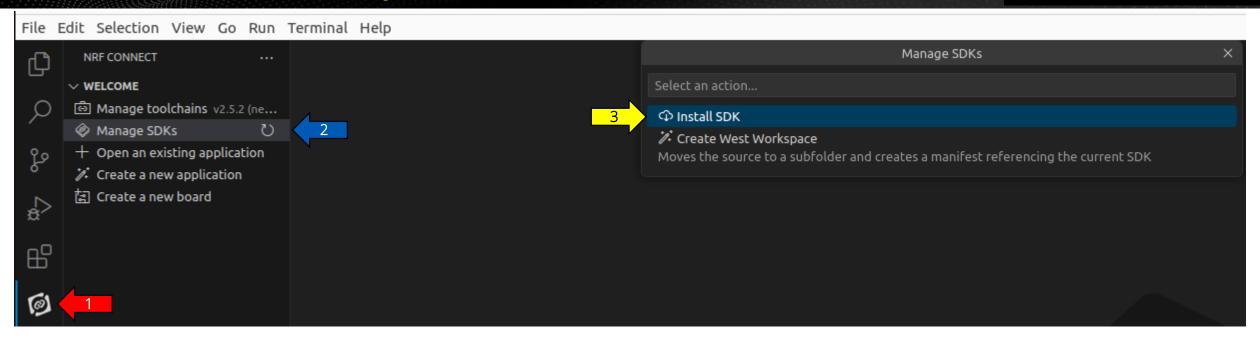


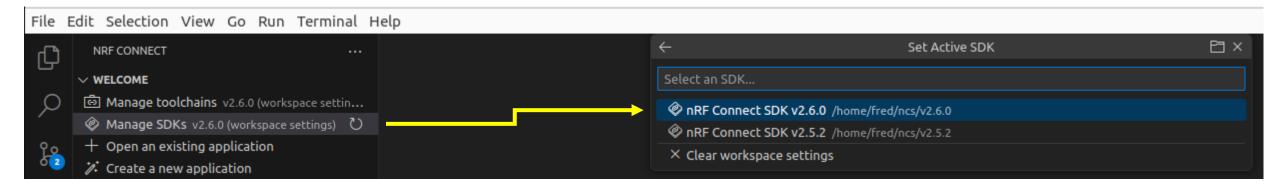


Developing IoT Applications with Nordic nRF Modules Install and Configure the nRF Connect SDK Install the nRF Connect SDK - SDK



Select/Install the Desired nRF Connect SDK Code

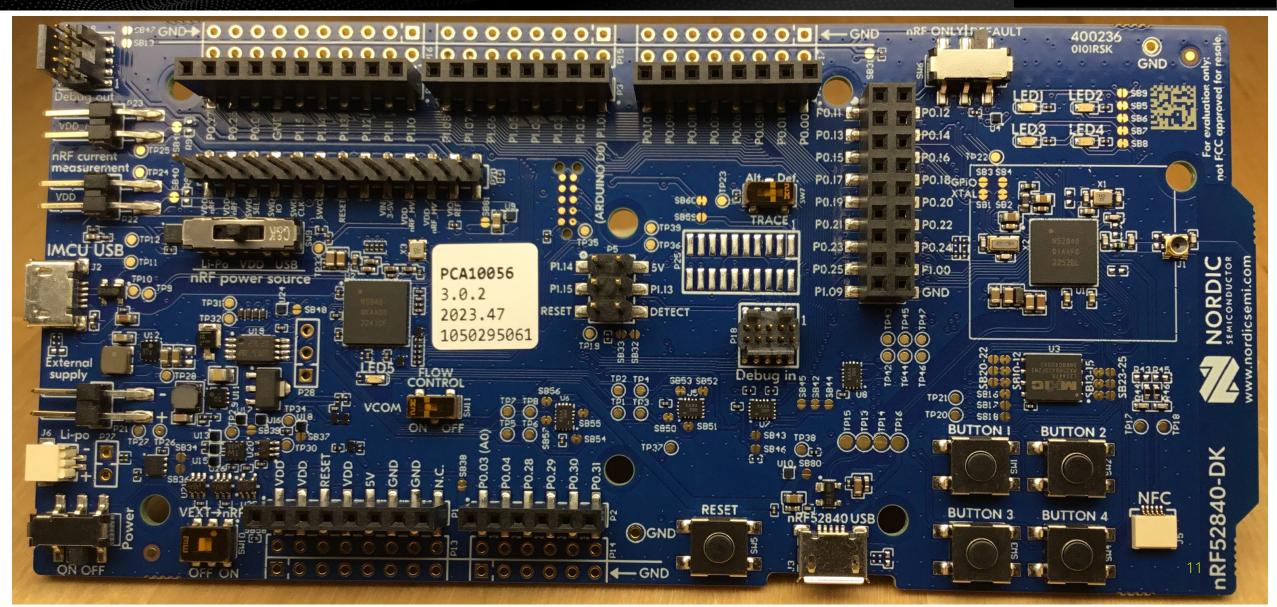






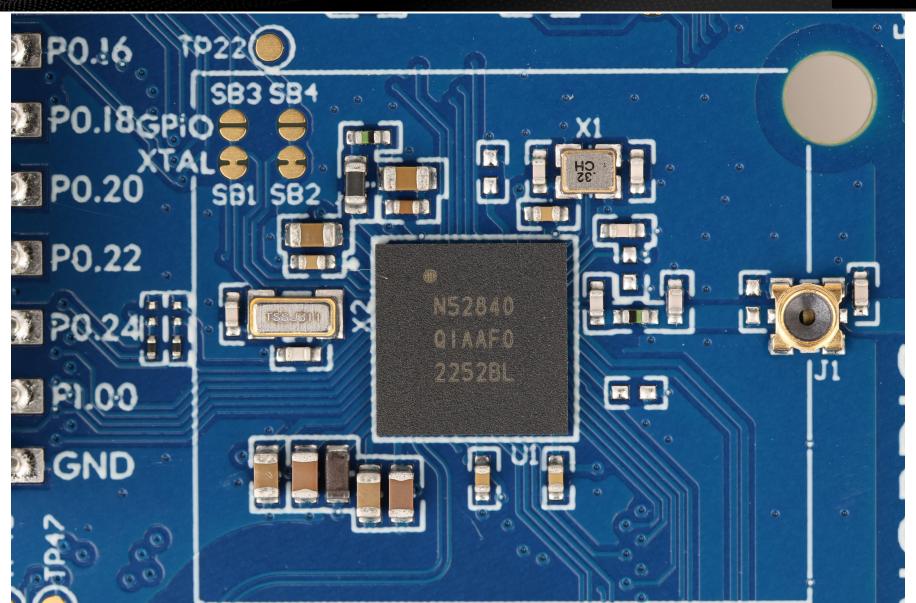
Developing IoT Applications with Nordic nRF Modules
Install and Configure the nRF Connect SDK
Nordic nRF52840 Walk Around

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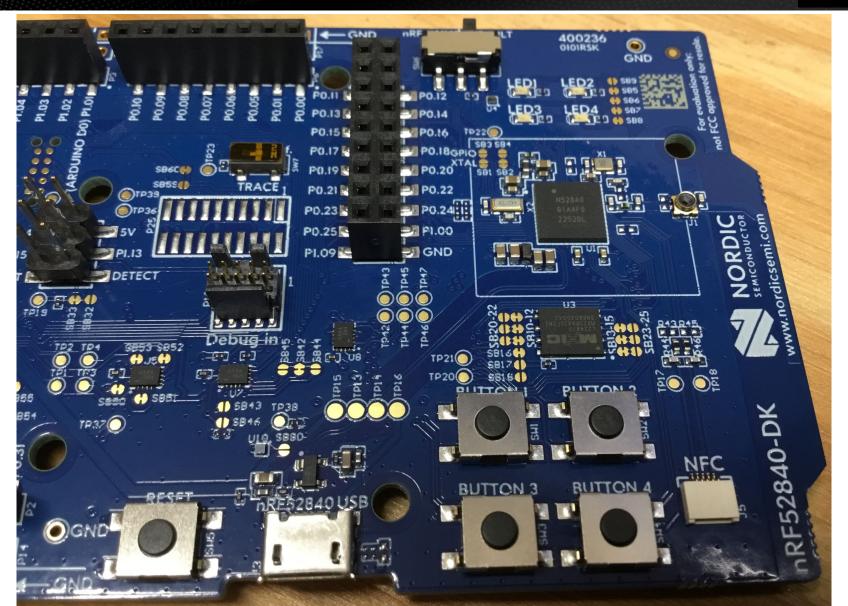






Developing IoT Applications with Nordic nRF Modules Install and Configure the nRF Connect SDK Nordic nRF52840 Walk Around



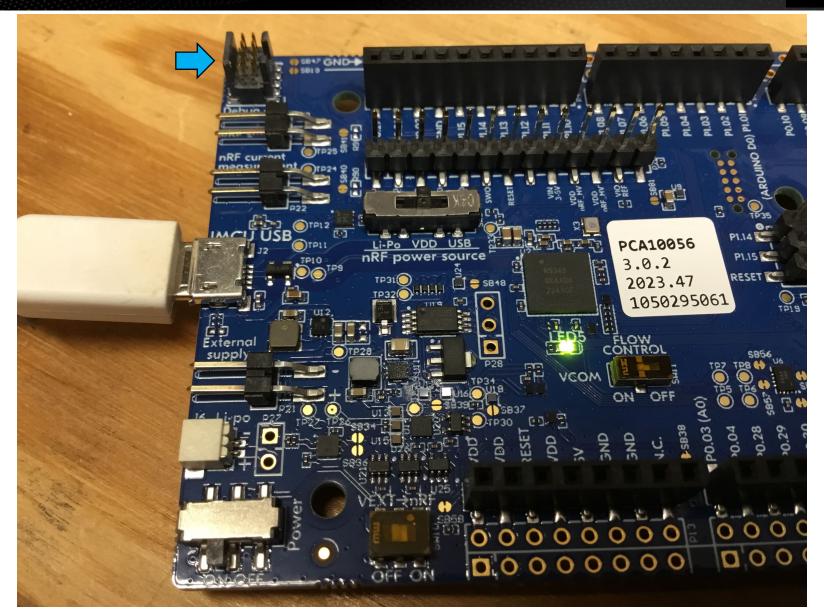




Developing IoT Applications with Nordic nRF Modules Install and Configure the nRF Connect SDK

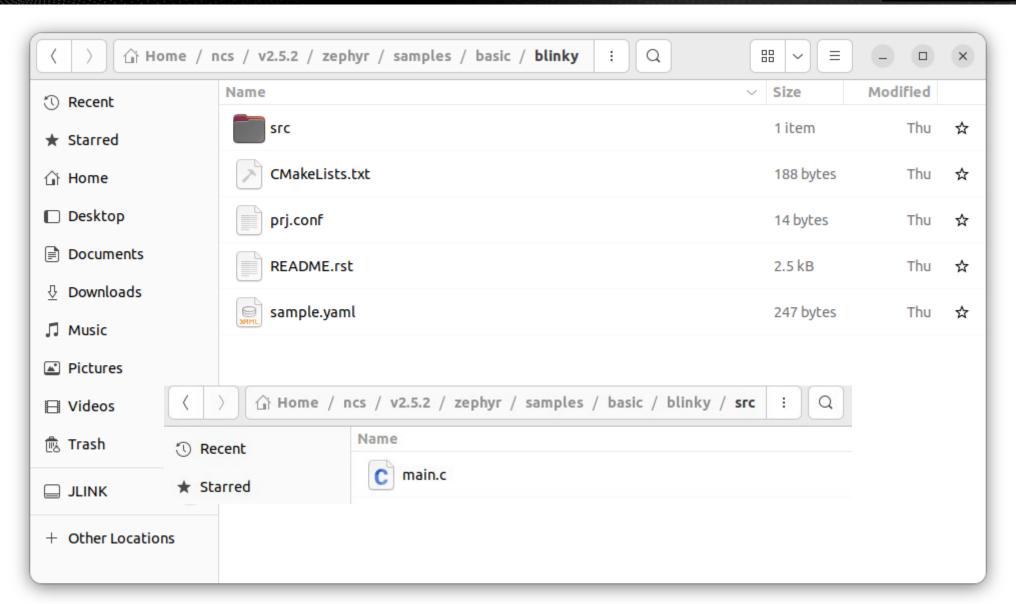
Nordic nRF52840 Walk Around





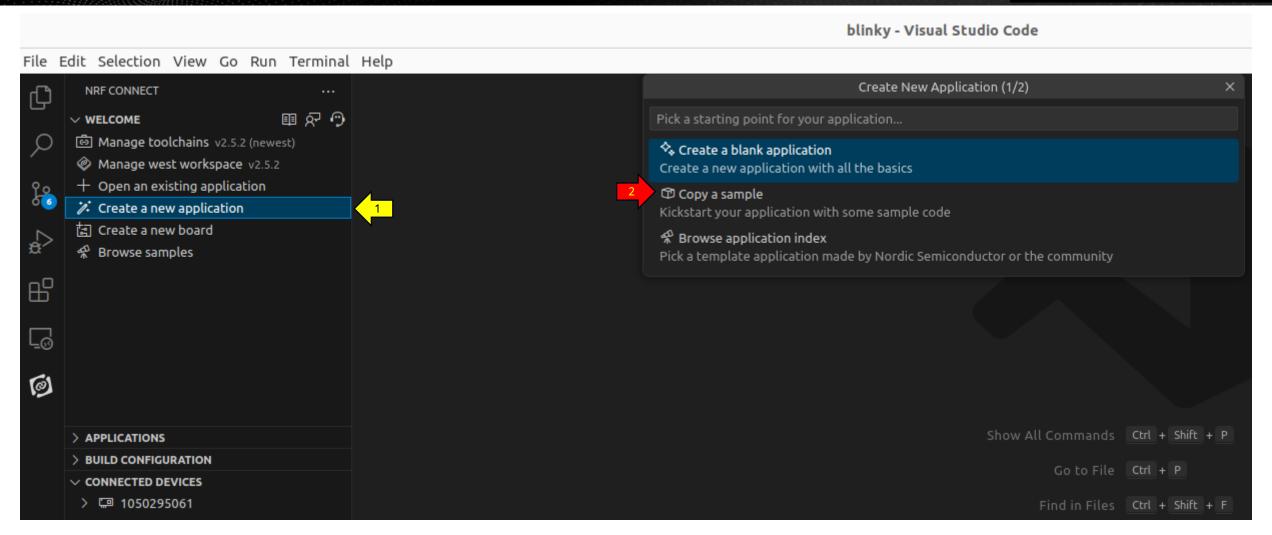


blinky Example



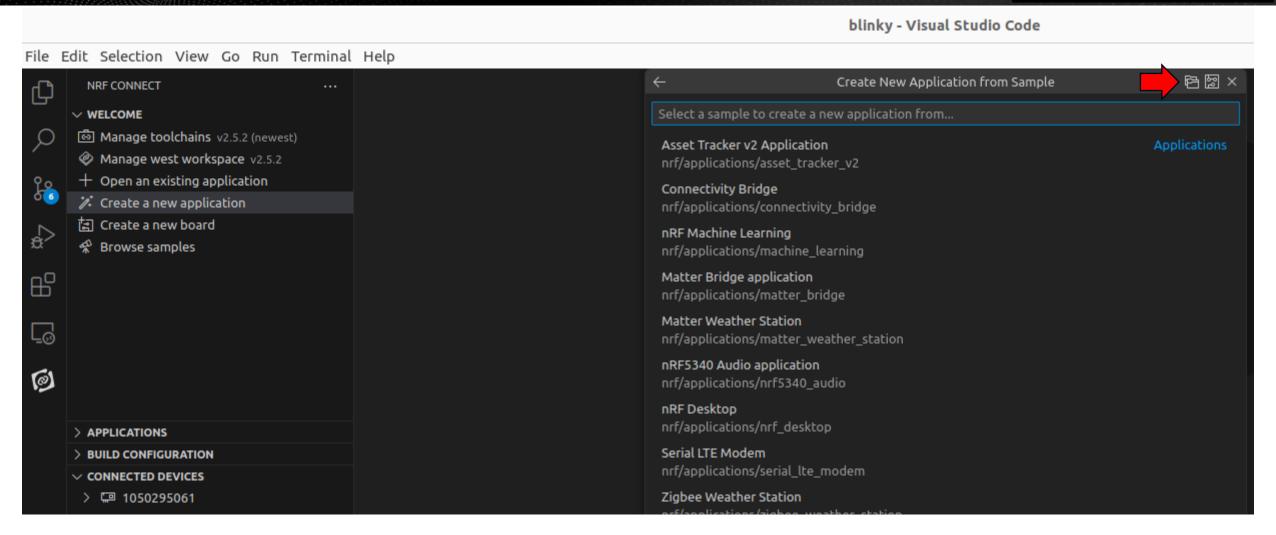






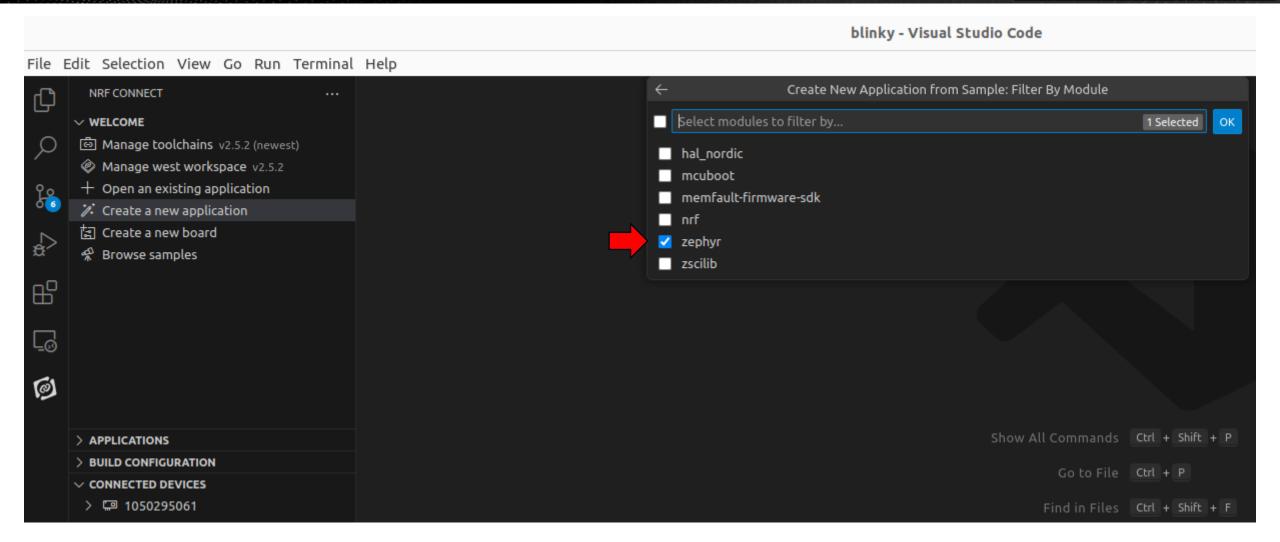






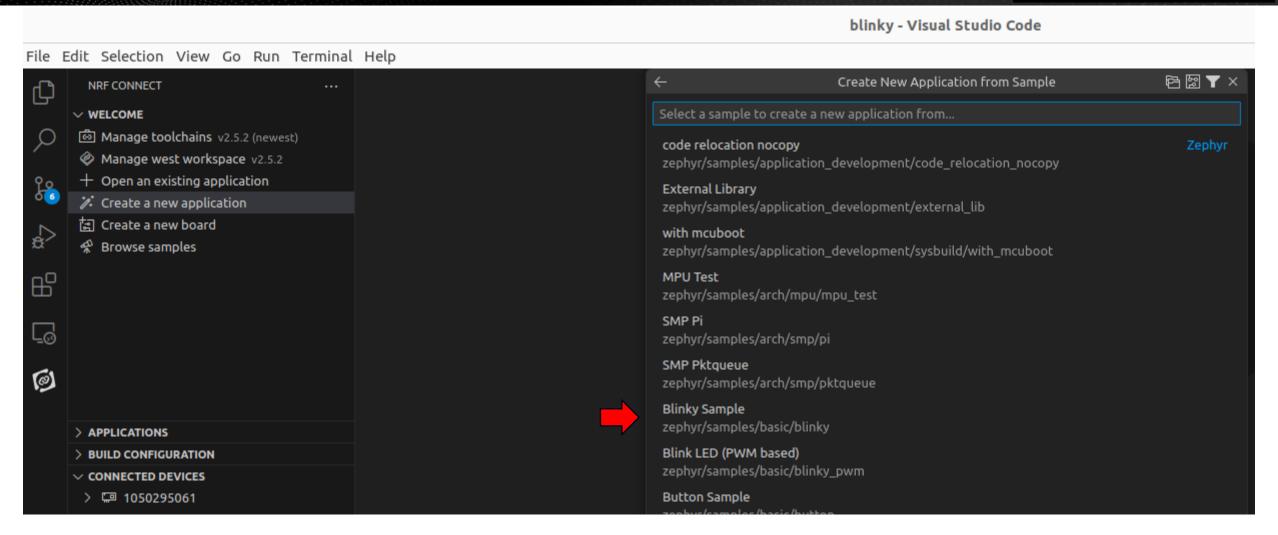






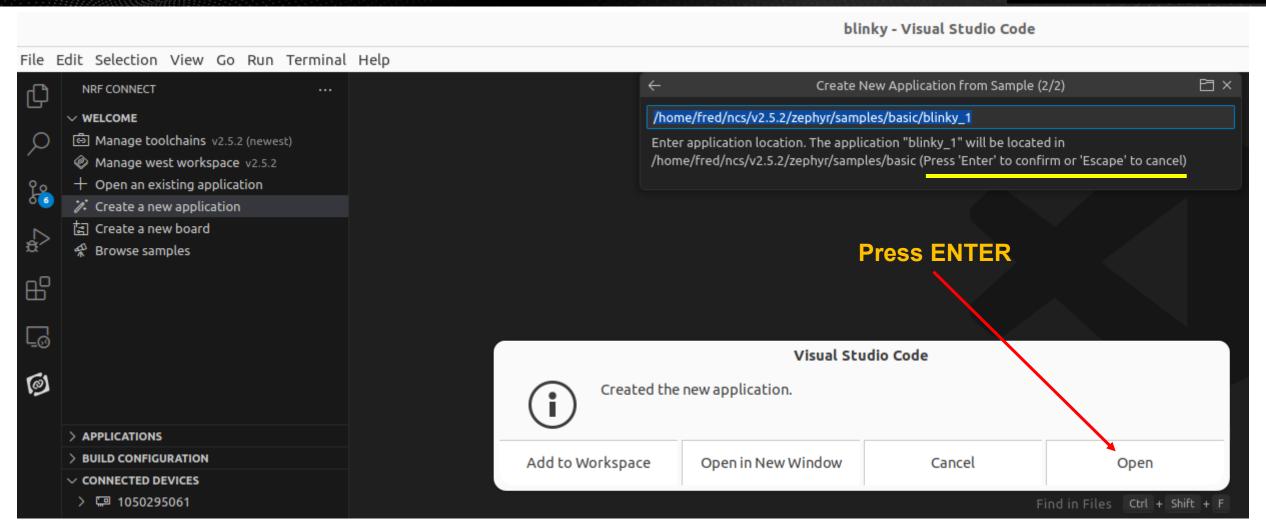






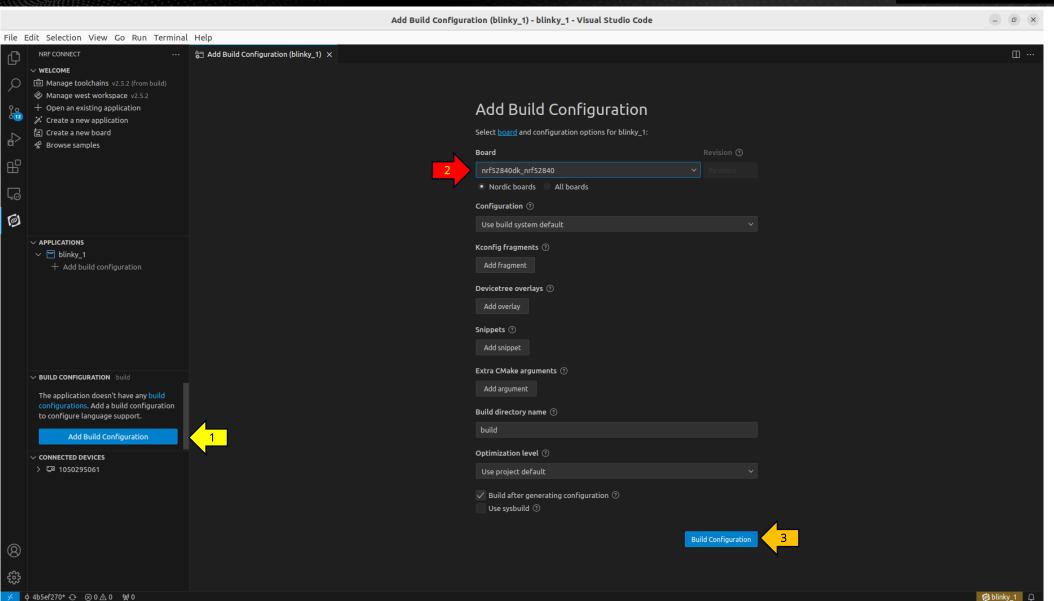








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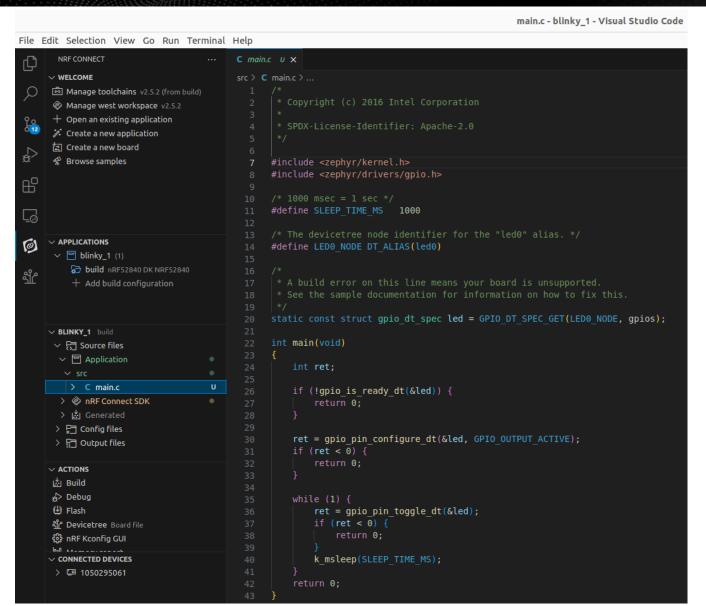


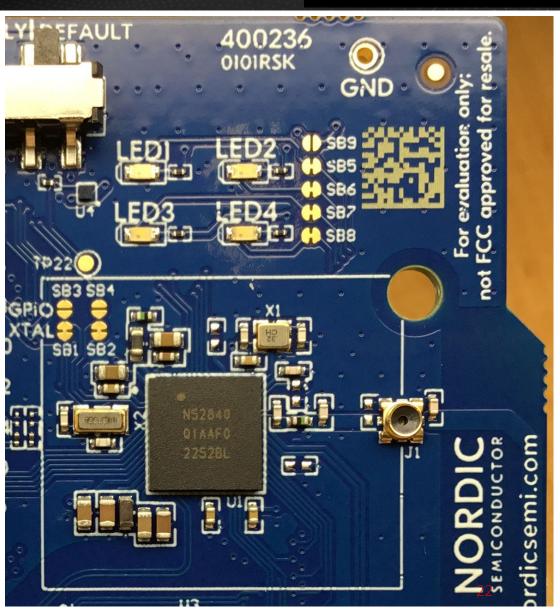
Developing IoT Applications with Nordic nRF Modules Install and Configure the nRF Connect SDK

Build, Flash and Run blinky



Edit blinky





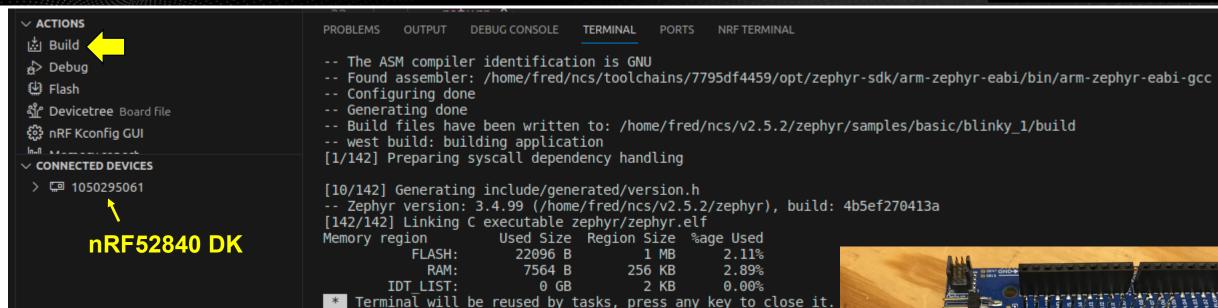


Developing IoT Applications with Nordic nRF Modules Install and Configure the nRF Connect SDK

Build, Flash and Run *blinky*



Build *blinky*



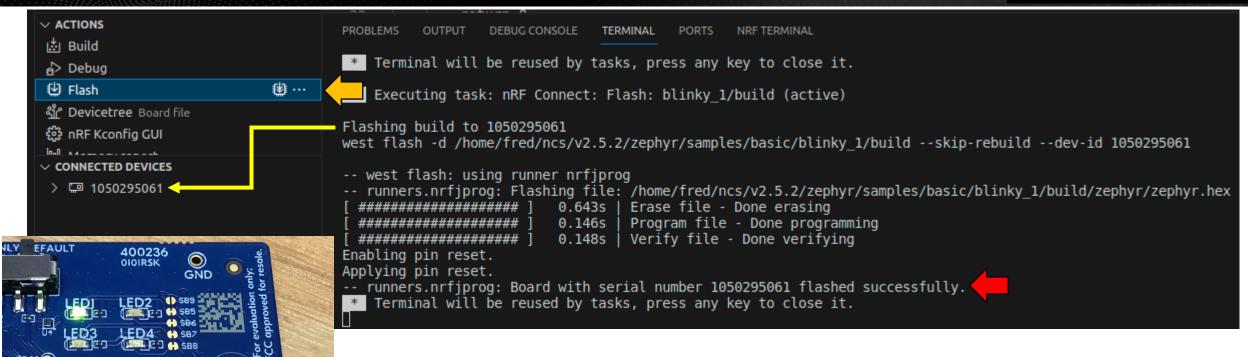
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Flash and Run blinky





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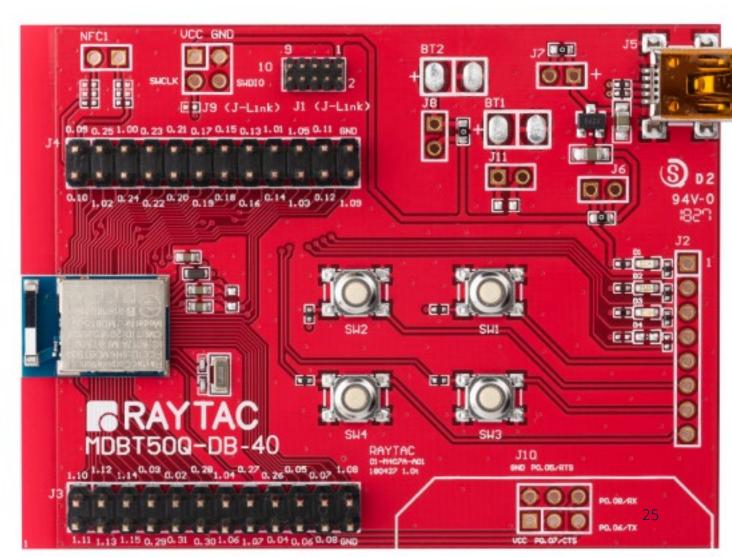
Next Time...

MORE TO COME..

Thank you for attending!!!

Please consider the resources below:

- Today's Download Package
- nordicsemi.com
- nRF52840 User Guide





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Thank You

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