

*****Draft*****

Rp2040 FreeRTOS

01/17/22

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<https://learnembeddedsystems.co.uk/freertos-on-rp2040-boards-pi-pico-etc-using-vscode>

<https://www.youtube.com/watch?v=jCZxStjzGA8>

`git clone --recurse-submodules https://github.com/LearnEmbeddedSystems/rp2040-freertos-project`

After forking the above project

`git clone --recurse-submodules git clone --recurse-submodules
git@github.com:develone/rp2040-freertos-project.git`

Appendix A Results of `git clone --recurse-submodules
git@github.com/develone/rp2040-freertos-project`

Cloning into 'rp2040-freertos-project'...

remote: Enumerating objects: 14, done.

remote: Counting objects: 100% (14/14), done.

remote: Compressing objects: 100% (12/12), done.

remote: Total 14 (delta 2), reused 13 (delta 1), pack-reused 0

Receiving objects: 100% (14/14), done.

Resolving deltas: 100% (2/2), done.

Submodule 'freertos/FreeRTOS-Kernel' (<https://github.com/FreeRTOS/FreeRTOS-Kernel>) registered for path 'freertos/FreeRTOS-Kernel'

Cloning into '/home/devel/rp2040-freertos-project/freertos/FreeRTOS-Kernel'...

remote: Enumerating objects: 160684, done.

remote: Counting objects: 100% (94/94), done.

remote: Compressing objects: 100% (73/73), done.

remote: Total 160684 (delta 41), reused 50 (delta 21), pack-reused 160590

Receiving objects: 100% (160684/160684), 108.59 MiB | 9.38 MiB/s, done.

Resolving deltas: 100% (115585/115585), done.

Submodule path 'freertos/FreeRTOS-Kernel': checked out
'990643ebe8c990dd3672a52079d274e7685df980'

Submodule 'ThirdParty/FreeRTOS-Kernel-Community-Supported-Ports'
(<https://github.com/FreeRTOS/FreeRTOS-Kernel-Community-Supported-Ports>)
registered for path 'freertos/FreeRTOS-Kernel/portable/ThirdParty/Community-Supported-Ports'

Submodule 'ThirdParty/FreeRTOS-Kernel-Partner-Supported-Ports'
(<https://github.com/FreeRTOS/FreeRTOS-Kernel-Partner-Supported-Ports>) registered
for path 'freertos/FreeRTOS-Kernel/portable/ThirdParty/Partner-Supported-Ports'

Cloning into
'/home/devel/rp2040-freertos-project/freertos/FreeRTOS-Kernel/portable/
ThirdParty/Community-Supported-Ports'...

remote: Enumerating objects: 46, done.

remote: Counting objects: 100% (46/46), done.

remote: Compressing objects: 100% (38/38), done.

remote: Total 46 (delta 7), reused 40 (delta 5), pack-reused 0

Receiving objects: 100% (46/46), 34.18 KiB | 2.85 MiB/s, done.

Resolving deltas: 100% (7/7), done.

Cloning into
'/home/devel/rp2040-freertos-project/freertos/FreeRTOS-Kernel/portable/
ThirdParty/Partner-Supported-Ports'...

remote: Enumerating objects: 36, done.

remote: Counting objects: 100% (36/36), done.

remote: Compressing objects: 100% (27/27), done.

remote: Total 36 (delta 13), reused 28 (delta 9), pack-reused 0

Receiving objects: 100% (36/36), 17.62 KiB | 1.76 MiB/s, done.

Resolving deltas: 100% (13/13), done.

Submodule path 'freertos/FreeRTOS-Kernel/portable/ThirdParty/Community-Supported-Ports': checked out 'f0618d9e2f4c5b0a3e472a2673a090e8ef836258'

Submodule path 'freertos/FreeRTOS-Kernel/portable/ThirdParty/Partner-Supported-Ports': checked out '3f9c99a682c5c796bb7eb89fd9c4385688fce27a'