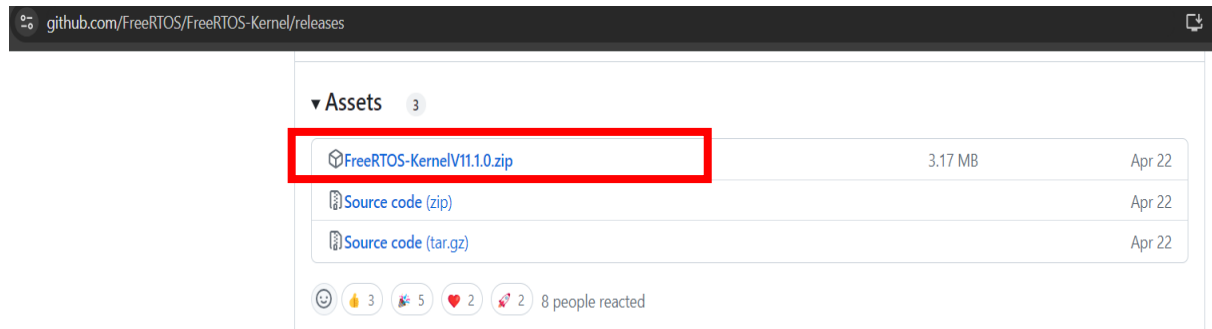


If you are using the FreeRTOS v11 or later and the current SystemView Target Source v3.54 or later, then you do not need to attach the patch file.

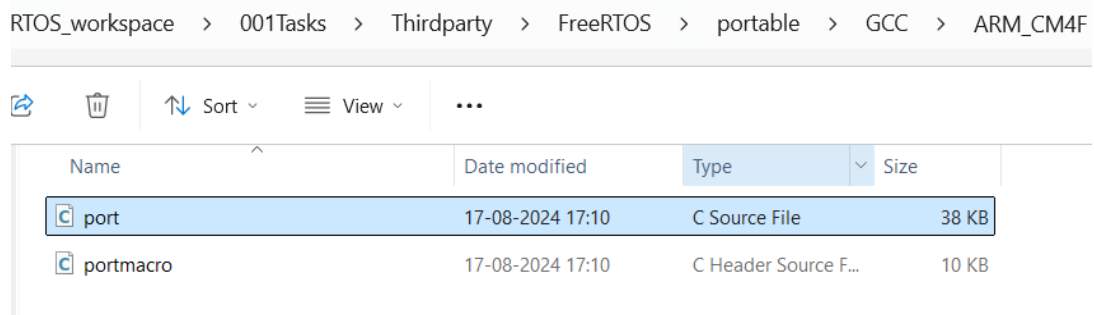
Steps to Follow:

1. Download FreeRTOS 11 kernel:

- Download the FreeRTOS 11 kernel from the [official GitHub repository](https://github.com/FreeRTOS/FreeRTOS-Kernel/releases).

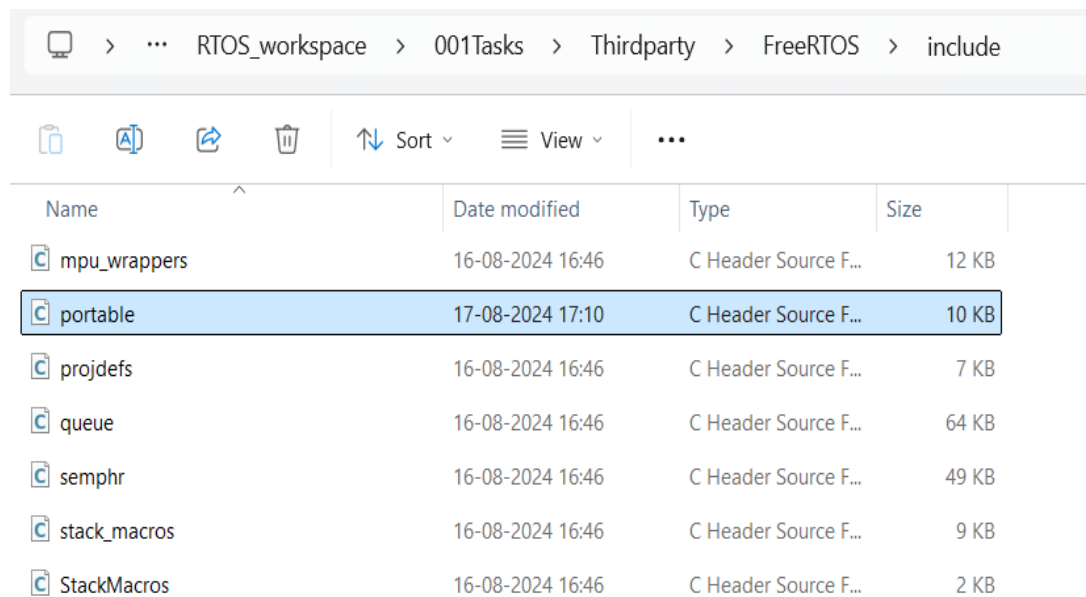


- Follow the instructions in the lecture titled "**Adding the FreeRTOS Kernel Source to Your Project**," as detailed in Section 5.
- Replace the port.c file in '**Thirdparty\FreeRTOS\portable\GCC\ARM_CM4F\port.c**'



Follow the instructions in the lecture titled "Adding the FreeRTOS Kernel Source to Your Project," as detailed in Section 5.

and the portable.h file in 'Thirdparty\FreeRTOS\include\portable.h' with the files provided in the resource section.

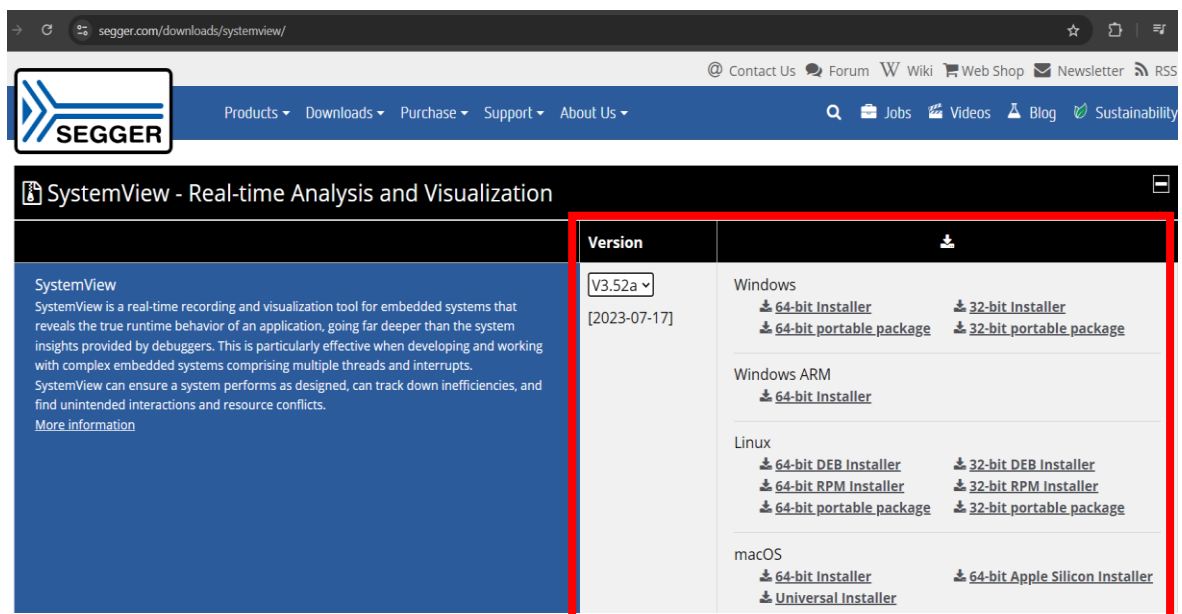


Name	Date modified	Type	Size
mpu_wrappers	16-08-2024 16:46	C Header Source F...	12 KB
portable	17-08-2024 17:10	C Header Source F...	10 KB
projdefs	16-08-2024 16:46	C Header Source F...	7 KB
queue	16-08-2024 16:46	C Header Source F...	64 KB
semphr	16-08-2024 16:46	C Header Source F...	49 KB
stack_macros	16-08-2024 16:46	C Header Source F...	9 KB
StackMacros	16-08-2024 16:46	C Header Source F...	2 KB

2. Download SystemView Tool (Version 3.52a):

- Download the SystemView tool - v3.52a or an earlier version compatible with your OS.

Note: Do not use SystemView tool version v3.54, the tool crashes.



segger.com/downloads/systemview/

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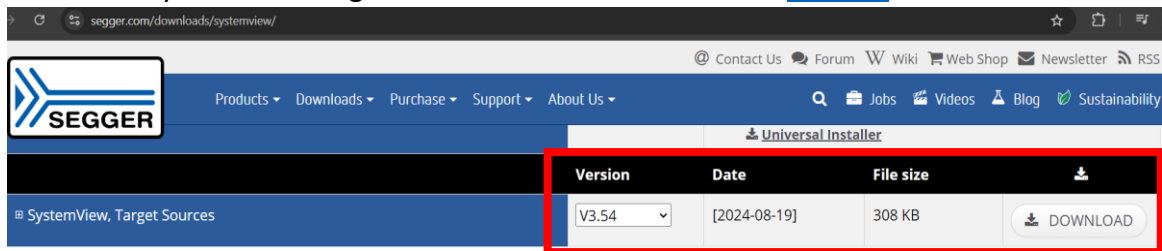
SystemView - Real-time Analysis and Visualization

SystemView
SystemView is a real-time recording and visualization tool for embedded systems that reveals the true runtime behavior of an application, going far deeper than the system insights provided by debuggers. This is particularly effective when developing and working with complex embedded systems comprising multiple threads and interrupts. SystemView can ensure a system performs as designed, can track down inefficiencies, and find unintended interactions and resource conflicts.
[More information](#)

Version	
V3.52a ▾ [2023-07-17]	<div>Windows<ul style="list-style-type: none">64-bit Installer32-bit Installer64-bit portable package32-bit portable package</div> <div>Windows ARM<ul style="list-style-type: none">64-bit Installer</div> <div>Linux<ul style="list-style-type: none">64-bit DEB Installer32-bit DEB Installer64-bit RPM Installer32-bit RPM Installer64-bit portable package32-bit portable package</div> <div>macOS<ul style="list-style-type: none">64-bit Installer64-bit Apple Silicon InstallerUniversal Installer</div>

3. Download SystemView Target Source (Version 3.54):

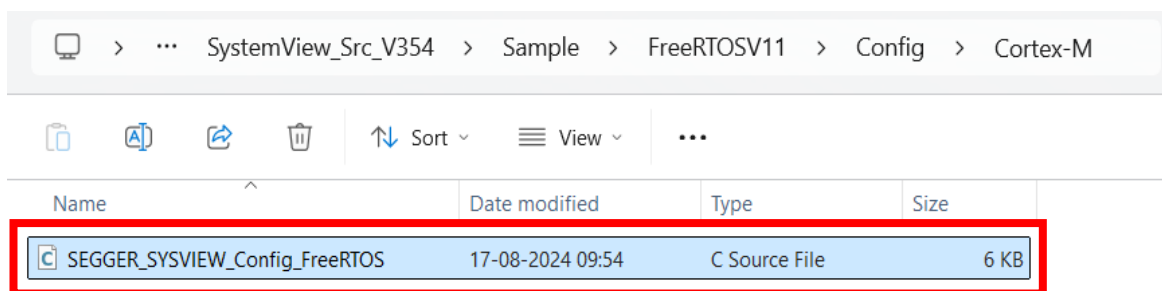
Download SystemView Target Source v3.54 from the official [website](#).



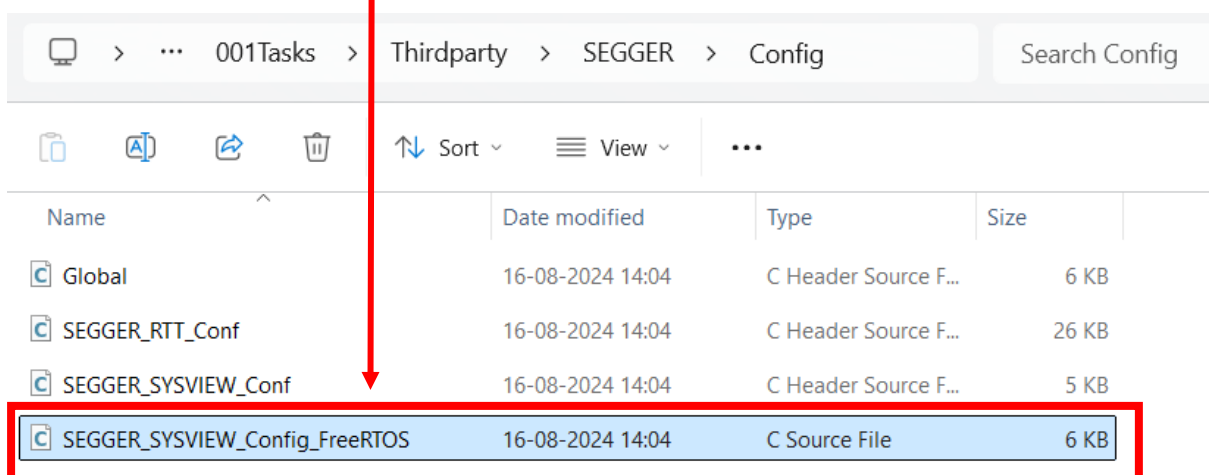
- Follow the steps outlined in the lecture titled "**Segger SystemView Target Integration**," as described in Section 7.

Note the changes to be made:

- Copy the configuration source file (**SEGGER_SYSVIEW_Config_FreeRTOS.c**) from the 'FreeRTOSv11' directory under the 'Sample' folder.



Paste in below location



- Copy the OS files from the 'FreeRTOSv11' directory under the 'Sample' folder.

