

1 SEGGER_SYSVIEW_Pi

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4.5 Console output for a

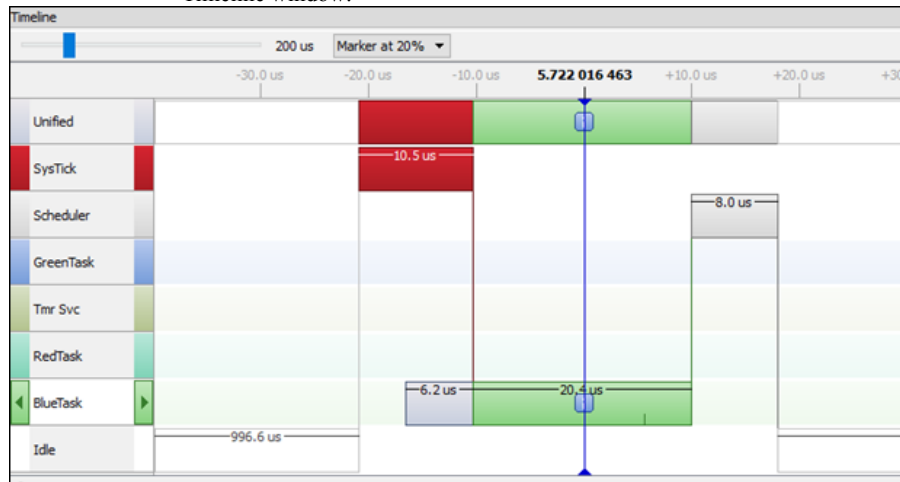
■ In the Event List:

- At event #11477, only the BlueTask task is running, so the Context column's box is solid green. In the Timeline, the BlueTask task is also colored green.
- At event #11475, only the SysTick task is running, so the Context column's box is solid red. In the Timeline, the SysTick task is also colored red.
- At event #11467, there is a transition from the SysTick task to the BlueTask task, so the Context column's box uses two colors, red and green.

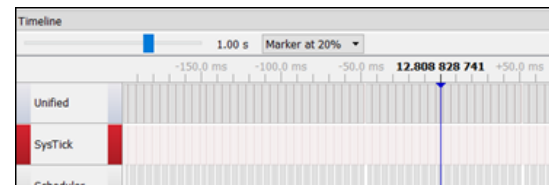
■ Events List window:

#	Time	Context	Event	Detail
11473	5.720 998 861	SysTick	ISR Exit	Returns to Idle
11474	5.721 995 509	SysTick	ISR Enter	
11475	5.721 999 782	SysTick	Task Ready	BlueTask, runs after 6.236 us
11476	5.722 006 019	BlueTask	Task Run	Runs for 20.407 us
11477	5.722 016 463	BlueTask	Log	BlueTaskRunning
11478	5.722 022 032	BlueTask	vTaskDelay	xTicksToDelay=200
11479	5.722 026 426	BlueTask	Task Block	Reason = 4
11480	5.722 034 481	Idle	System Idle	
11481	5.722 995 986	SysTick	ISR Enter	Runs for 4.125 us

■ Timeline window:



2.4 Timeline window



● Controls and features in the Timeline window:

- Upper-left slider: sets the zoom level, which can also be set by right-clicking on the timeline
 - The zoom-level is the time-period shown in the timeline window, e.g., 1 second
- Marker: The dark vertical line with a timestamp
- "Marker at X%" drop-down box: sets the Marker's relative position in the timeline window.
 - For example, if the window's time-period is 1 second, setting the marker to 20% will cause the timeline-window to start at .2 seconds before the marker's timestamp.

● Clicking on a line (event) in the Event or Terminal windows:

- Moves the Timeline window so that the marker is at that event's timestamp

● Double-clicking on the timeline:

- For the clicked-upon time, selects the event whose timestamp is exactly at the spot clicked, or just before the spot clicked
- In the Timeline window, moves the window so that the marker is at the selected event's timestamp
- In the Events List window, moves the window to show that event, and highlights the event if the window is scrolled
- In the Terminal window, moves the window to show that event if the selected event is a message. If the selected event is not a message, the window is not moved.

- Tasks which are marked ready for execution are displayed with a light grey bar until their execution starts. This is shown in the figure below