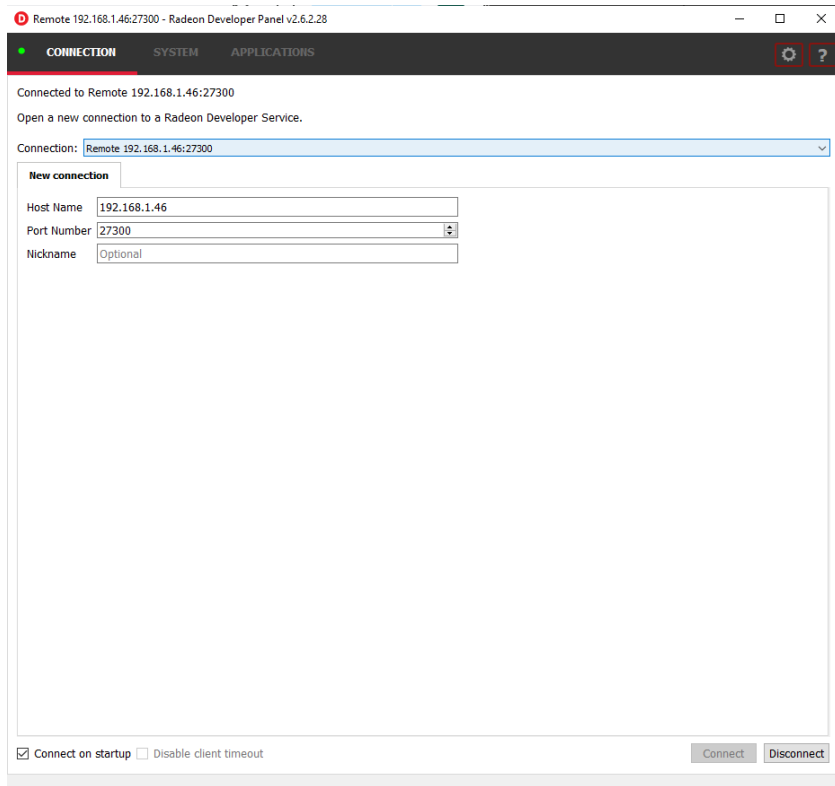


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Allie Craddock & Casie Peng



Radeon GPU Profiler



```
cmd.exe /k C:\Users\cradd\AppData\Local\Programs\ml-hub\resources\bin\adb.exe shell /vendor/bin/RadeonDeveloperServiceCLI

2: wlan0      inet6 fe80::86:86ff:fe86:8686/64 scope link \        valid_lft forever preferred_lft forever
5: wlan0      inet 192.168.1.46/24 brd 192.168.1.255 scope global wlan0\    valid_lft forever preferred_lft forever
5: wlan0      inet6 fe80::624b:aaff:fe02:2a60/64 scope link \        valid_lft forever preferred_lft forever

C:\Users\cradd\AppData\Local\Programs\ml-hub>ping 192.168.1.46

Pinging 192.168.1.46 with 32 bytes of data:
Reply from 192.168.1.46: bytes=32 time=36ms TTL=64
Reply from 192.168.1.46: bytes=32 time=37ms TTL=64
Reply from 192.168.1.46: bytes=32 time=52ms TTL=64
Reply from 192.168.1.46: bytes=32 time=46ms TTL=64

Ping statistics for 192.168.1.46:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 36ms, Maximum = 52ms, Average = 42ms

C:\Users\cradd\AppData\Local\Programs\ml-hub>ls
'ls' is not recognized as an internal or external command,
operable program or batch file.

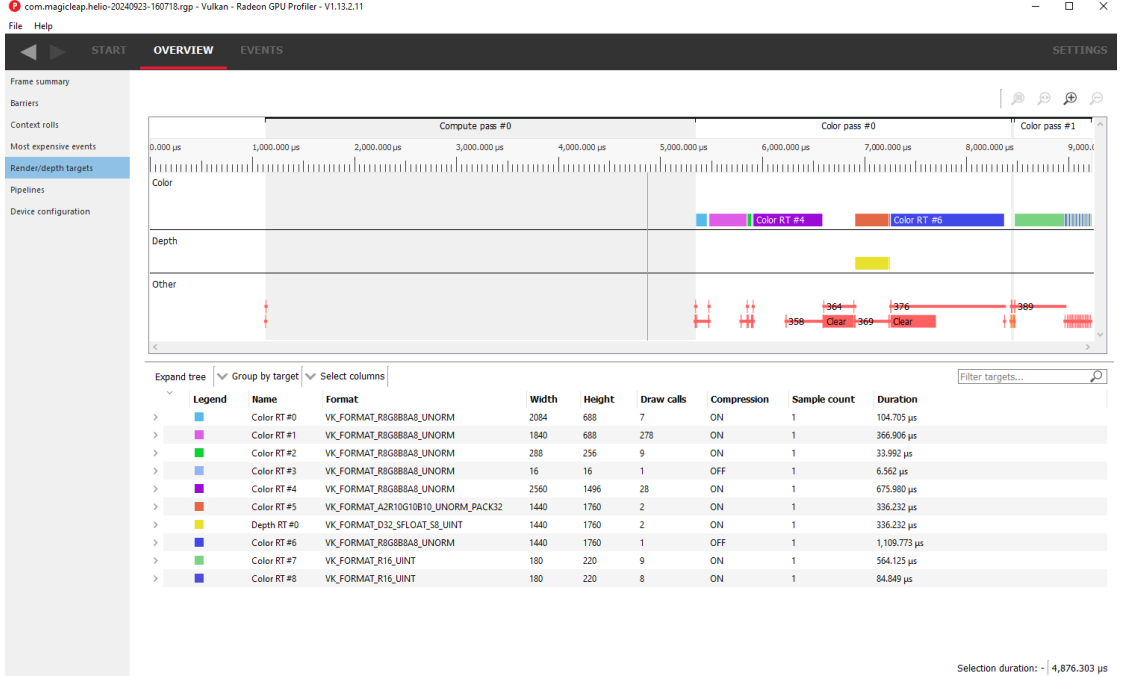
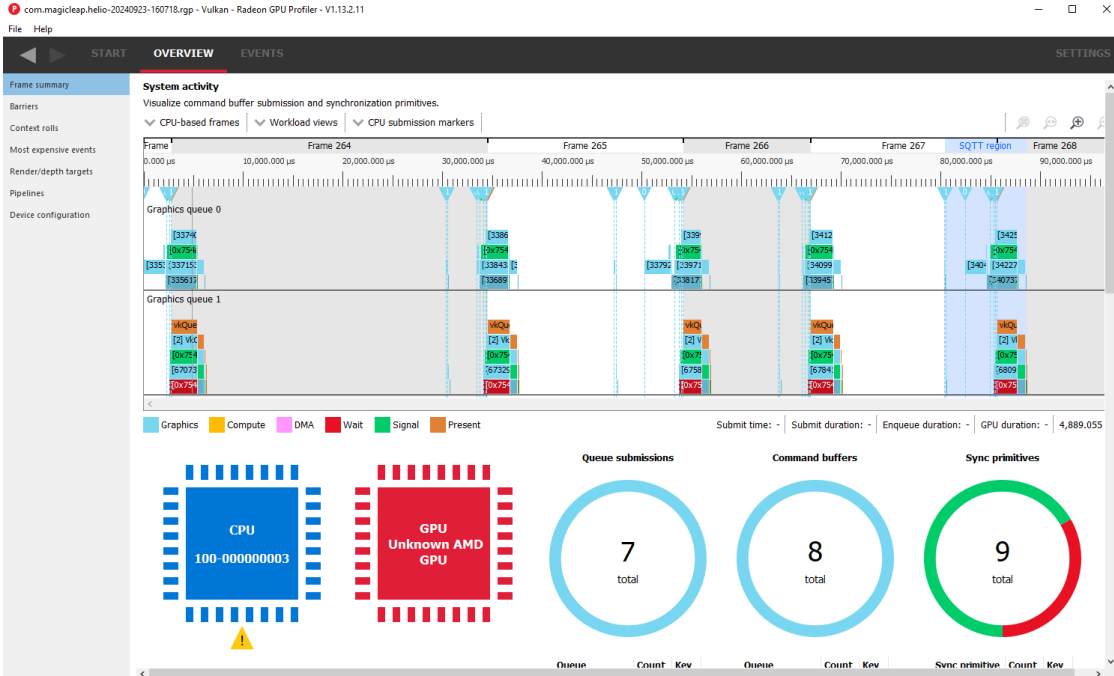
C:\Users\cradd\AppData\Local\Programs\ml-hub>-ls
'-ls' is not recognized as an internal or external command,
operable program or batch file

C:\Users\cradd\AppData\Local\Programs\ml-hub>pwd
'pwd' is not recognized as an internal or external command,
operable program or batch file

C:\Users\cradd\AppData\Local\Programs\ml-hub>
```

Radeon GPU Profiler missing
The Radeon GPU Profiler executable cannot be found at ".\RadeonGPUProfiler.exe".

OK



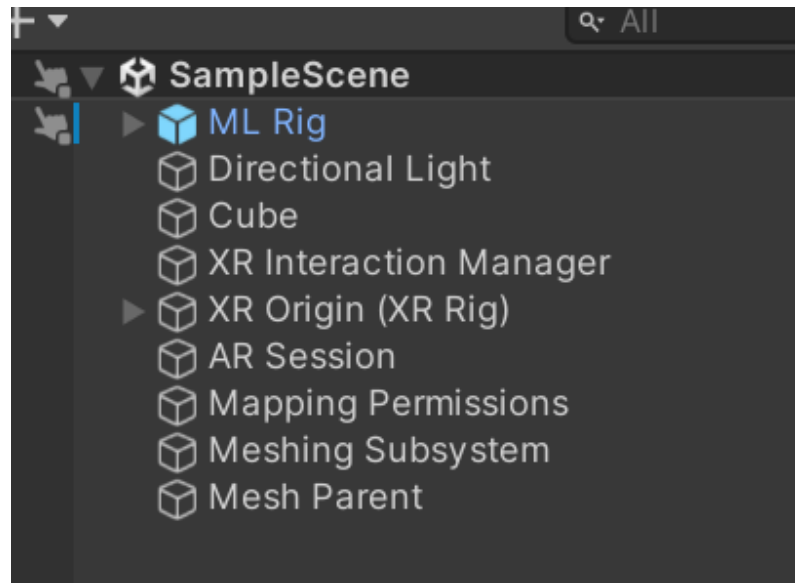
Power Profiler



Unity Development Side – API searching

Simple Meshing Setup

In this tutorial, you'll learn how to set up the Spatial Mapping component with Magic Leap 2 in Unity. By the end of this guide, you'll have a scene capable of meshing the world around you, providing a foundation for immersive mixed reality experiences. The Spatial Mapping in Magic Leap 2 is similar to AR Foundation's Spatial Mapping component.



[Detecting performance bottlenecks with Unity Frame Timing Manager](#)

Which measurements does the Frame Timing Manager API provide?

The Frame Timing Manager API provides a set of useful CPU and GPU measurements per frame as the `FrameTiming` struct. Here's a list of them:

- **cpuFrameTime** refers to the total CPU frame time. It is calculated as the time between the start of the frame and the next frame on the main thread.
- **cpuMainThreadFrameTime** is the main thread's work time, or the total amount of time between the start of the frame and the main thread finishing its job.
- **cpuRenderThreadFrameTime** refers to the render thread's work time, or the total amount of time between the first work request submitted to the render thread and the time when the `Present()` function is called.
- **cpuMainThreadPresentWaitTime** is the duration the CPU spends waiting for `Present()` to complete during the frame.
- **gpuFrameTime** is the GPU's work time, or the total amount of time between the work submitted to the GPU and the signal indicating that the GPU has finished the job. See relevant limitations in the "Supported platforms and limitations" section below.

Note that the **cpuMainThreadPresentWaitTime** is the sum of shown "[wait]" blocks, and includes waits for `Present()` and target fps. It's harder to show GPU work time, as it starts somewhere in the middle of "Scene rendering" and finishes on the next frame's sync point with the previous frame.

Current Questions
