

	GUI (System Trace)	cli (dtrace)	code		
Easy to use?	✅/⚠️	⚠️	✅		
Clear?	❌	✅	✅		
🧵 Filterable?	⚠️	⚠️	✅		
CI?	❌	⚠️	✅		
Portable?	❌	❌	✅		
System calls?	✅	✅	❌		
Malloc/free?	⚠️	✅	❌		
Lock/unlock?	✅	✅	⚠️		
3rd party code?	✅	✅	❌		
Notes	Different tools for different tasks	Requires disabling SIP			

# Real-time Quiz Question 7:

Is this un-contended mutex unlock real-time safe?

```
std::mutex m;

std::thread t1 ([&]
{
    std::unique_lock l (m);
    // Do something real-time safe...
});

t1.join();

std::thread t2 ([&]
{
    std::unique_lock l (m);
    // Do something else real-time safe...
});

t2.join();
```