7 474480	pthread_mutex_destroy: entry libsystem_pthread_dylib* pthread_mutex_destroy libc+1.dylib* std::_l::mutex::-mutex()+0x18 example_external\main::\$_0::operator()() const+0x5c example_external\main::\$_0:()()) std::_l::_invoke[abi:uel70006] <main::\$_0.0x6)+0x18 example_external\vioid="" std::_l::_thread_struct="">>, main::\$_0.0x()) std::_l::_thread_struct>>, main::\$_0.0x6)+0x18 example_external\vioid std::_l::_thread_secute[abi:uel70006]<std::_l::_thread_struct>>, main::\$_0.0x6] example_external\vioid std::_l::_thread_secute[abi:uel70006]<std::_l::_thread_struct>>, main::\$_0.0x6] example_external\vioid std::_l::_thread_proxy[abi:uel70006]<std::_l::_thread_struct>>, main::\$_0.0x6] example_external\vioid std::_l::_thread_proxy[abi:uel70006]<std::_l::_thread_struct>>, main::\$_0.0x6] example_external\vioid std::_l::_thread_proxy[abi:uel70006]<std::_l::_thread_struct>>, main::\$_0.0x6] example_external\vioid std::_l::_thread_proxy[abi:uel70006]<std::_l::_thread_struct>>, main::\$_0.0x6] example_external\vioid std::_l::_thread_struct>>, main::\$_0.0x6] example_external\vioid</std::_l::_thread_struct></std::_l::_thread_struct></std::_l::_thread_struct></std::_l::_thread_struct></std::_l::_thread_struct></std::_l::_thread_struct></main::\$_0.0x6)+0x18>
7 474465	free:entry libsystem_malloc.dylib free example_external\sid:_l::default_delete <std::1::unique_ptr<std::1::unique_ptr<std::1::_thread_struct>, main::\$_0>::operator()[abi:ue170006](std::1::unique_ptr<std::1::_thread_struct>, main::\$_0>::operator()[abi:ue170006](std::1::unique_ptr<std::1::_thread_struct>, main::\$_0>::operator()[abi:ue170006](std::1::unique_ptr<std::1::_thread_struct>, main::\$_0>::operator()[abi:ue170006](std::1::_thread_struct>, std::1::_thread_struct>, main::\$_0>::operator()[abi:ue170006](std::1::_thread_struct>, std::1::_thread_struct>, main::\$_0>::operator()[abi:ue170006](std::1::_thread_struct>, std::1::_thread_struct>, main::\$_0>::operator()[abi:ue170006](std::1::_thread_struct>, std::1::_thread_struct>, main::\$_0>::operator()[abi:ue170006](std::1::_thread_struct>, std::1::_thread_struct>, main::\$_0>:operator()[abi:ue170006](std::1::_thread_struct>, std::1::_thread_struct>, main::\$_0>:operator()[abi:ue170006](std::1::_thread_struct>, std::1::_thread_struct>, main::\$_0>:operator()[abi:ue170006](std::1::_thread_struct>, std::1::_thread_struct>, main::\$_0>:operator()[abi:ue170006](std::1::_thread_struct>, main::\$_0>:operator()[a</std::1::_thread_struct></std::1::_thread_struct></std::1::_thread_struct></std::1::unique_ptr<std::1::unique_ptr<std::1::_thread_struct>
7 474465	free:entry libsystem_malloo.dylib`free libc++.1.dylib`std::_1::thread_struct::~thread_struct()+0x24 libc++.1.dylib`std::_1::thread_struct;:thread_struct>::at_thread_st
7 474465	free:entry libsystem_malloc.dylib`free libsystem_pthread.dylib`_pthread_tsd_cleanup+0x1e8 libsystem_pthread.dylib`_pthread_exit+0x54 libsystem_pthread_dylib`_pthread_start+0x94 libsystem_pthread.dylib`_pthread_start+0x8









```
void run rt thread()
    std::mutex m;
    set_realtime_max_priority();
    get file size();
    do malloc free();
    do_vector_reserve();
    do mutex lock unlock (m);
```

```
7 474480
             pthread_mutex_destroy:entry
           libsystem nthread dylib`nthread mutex destroy
           libc++.1.dylib`std::__1::mutex::~mutex()+0x18
           example_external main::$_0::operator()() const+0x5c
           example_external`decltype(std::declval<main::$_0>()()) std::__1::__invoke[abi:ue170006]<main::$_0>(main::$_0&&)+0x18
           example_external`void std::__1::__thread_execute[abi:ue170006]<std::__1::unique_ptr<std::__1::__thread_struct, std::__1::default_delete
           example_external`void* std::__1::__thread_proxy[abi:ue170006]<std::__1::tuple<std::__1::unique_ptr<std::__1::__thread_struct, std::__1:
            libsystem_pthread.dylib`_pthread_start+0x88
            libsystem_pthread.dylib`thread_start+0x8
                              free:entry
7 474465
           libsystem_malloc.dylib`free_
           example_external`std::__1::default_delete<std::__1::tuple<std::__1::unique_ptr<std::__1::__thread_struct std::__1::default_delete<std:
           example_external`std::__1::unique_ptr<std::__1::tuple<std::__1::unique_ptr<std::__1::__thread_struct, std::__1::default_delete<std::__1:
           example_external`std::__1::unique_ptr<std::__1::tuple<std::__1::unique_ptr<std::__1::__thread_struct, std::__1::default_delete<std::__1:
           example_external`std::__1::unique_ptr<std::__1::tuple<std::__1::unique_ptr<std::__1::__thread_struct, std::__1::default_delete<std::__1:
           example_external`void* std::__1::__thread_proxy[abi:ue170006]<std::__1::tuple<std::__1::unique_ptr<std::__1::__thread_struct, std:: 1:
            libsystem_pthread.dylib`_pthread_start+0x88
            libsystem_pthread.dylib`thread_start+0x8
7 474465
                              free:entry
           libsystem malloc.dvlib`free
            libc++.1.dylib`std::__1::__thread_struct::~__thread_struct()+0x24
            libc++.l.dylib std::__1::__thread_specific_ptr<std::__1::__thread_struct>::__at_thread_exit(void*)+0x14
            libsystem_pthread.dylib`_pthread_tsd_cleanup+0x1e8
            libsystem_pthread.dylib`_pthread_exit+0x54
                                                                                                       void run rt thread()
            libsystem_pthread.dylib`_pthread_start+0x94
            libsystem_pthread.dylib`thread_start+0x8
                                                                                                            std::mutex m;
7 474465
                              free:entry
                                                                                                            set_realtime_max_priority();
           libsystem malloc.dvlib`free
           libsystem_pthread.dylib`_pthread_tsd_cleanup+0x1e8
           libsystem_pthread.dylib`_pthread_exit+0x54
                                                                                                            get_file_size();
           tibsystem_pthread_dytib`_pthread_start+0x94
                                                                                                            do malloc free();
            libsystem_pthread.dylib`thread_start+0x8
                                                                                                            do_vector_reserve();
                                                                                                            do_mutex_lock_unlock (m);
```