<OUTERMOST LOOP PER DRAW>

```
VkResult vkAcquireNextImageKHR(
                                                                                               VkDevice
          VkDevice
                                              device,∢
          VkSwapchainKHR swapchain,
                                                                                                VkSwapchainKHR
                                          timeout,
          uint64_t
          VkSemaphore
                                                                                                VkSemaphore
                                                 semaphore,<del></del>←
          VkFence
                                              fence,<del>≮</del>
                                                                                                VkFence
          uint32_t*
                                                 pImageIndex -
);
VkResult vkResetFences(
                                      device,
                                                                                               VkDevice
          VkDevice
           uint32_t
                                                 fenceCount,
           const VkFence* pFences←
                                                                                                VkFence
);
                       <MID LOOP PER COMMAND BUFFER>
 typedef enum VkPipelineStageFlagBits {
        VK_PIPELINE_STAGE_TOP_OF_PIPE_BIT = 0x00000001,
        VK_PIPELINE_STAGE_DRAW_INDIRECT_BIT = 0x000000002
        VK_PIPELINE_STAGE_VERTEX_INPUT_BIT = 0x00000004, VK_PIPELINE_STAGE_VERTEX_SHADER_BIT = 0x00000008,
        VK_PIPELINE_STAGE_TESSELLATION_CONTROL_SHADER_BIT = 0x00000010,
        VK_PIPELINE_STAGE_TESSELLATION_EVALUATION_SHADER_BIT = 0x00000020, VK_PIPELINE_STAGE_GEOMETRY_SHADER_BIT = 0x00000040,
        VK_PIPELINE_STAGE_FRAGMENT_SHADER_BIT = 0x000000080,
        VK_PIPELINE_STAGE_EARLY_FRAGMENT_TESTS_BIT = 0x00000100, VK_PIPELINE_STAGE_LATE_FRAGMENT_TESTS_BIT = 0x00000200,
        VK_PIPELINE_STAGE_COLOR_ATTACHMENT_OUTPUT_BIT = 0x00000400,
        VK_PIPELINE_STAGE_COMPUTE_SHADER_BIT = 0x00000800, VK_PIPELINE_STAGE_TRANSFER_BIT = 0x00001000,
        VK_PIPELINE_STAGE_BOTTOM_OF_PIPE_BIT = 0x00002000,
        VK_PIPELINE_STAGE_HOST_BIT = 0x00004000,
VK_PIPELINE_STAGE_ALL_GRAPHICS_BIT = 0x00008000,
         VK_PIPELINE_STAGE_ALL_COMMANDS_BIT = 0x00010000,
         W. FFELLING THE CONTROL AND TH
} VkPipelineStageFlagBits;
       VkSubmitInfo
       sType = VK_STRUCTURE_TYPE_SUBMIT_INFO;
       pNext = nullptr;
       waitSemaphoreCount;
       pWaitSemaphores;←
                                                                                                                                 VkSemaphore
      ▶pWaitDstStageMask;
       commandBufferCount;
       pCommandBuffers;←
                                                                                                                                  VkCommandBuffers
       signalSemaphoreCount;
       pSignalSemaphores;←
               VkResult vkQueueSubmit(
                                                                                                                                VkQueue
                         VkQueue
                                                                             queue,←
                         uint32 t
                                                                             submitCount.
                       ▶const VkSubmitInfo* pSubmits,
                         VkFence
                                                                             fence←
                                                                                                                                 VkFence
              );
       VkPresentInfoKHR
       sType = VK_STRUCTURE_TYPE_PRESENT_INFO_KHR;
       pNext = nullptr;
       waitSemaphoreCount;
       pWaitSemaphores;
       swapchainCount;
       pSwapchains;
       pImageIndices; _
       pResults = nullptr;
             VkResult vkQueuePresentKHR(
                                                                                                                                VkQueue
                                                                                       queue,<del>←</del>
                       Vk0ueue
                      →const VkPresentInfoKHR* pPresentInfo
             );
```