

# VkSurface

```
VkResult glfwCreateWindowSurface (
    VkInstance      instance,
    GLFWwindow*     window,
    const VkAllocationCallbacks* allocator,
    VkSurfaceKHR*    surface
)
```

VkInstance

VkSurfaceKHR

```
VkXcbSurfaceCreateInfoKHR{
    sType = VK_STRUCTURE_TYPE_XCB_SURFACE_CREATE_INFO_KHR;
    pNext = nullptr;
    flags = 0;
    xcb_connection_t* connection;
    xcb_window_t      window;
}
```

```
VkResult vkCreateXcbSurfaceKHR(
    VkInstance      instance,
    const VkXcbSurfaceCreateInfoKHR* pCreateInfo,
    const VkAllocationCallbacks* pAllocator,
    VkSurfaceKHR*    pSurface
);
```

VkInstance

```
void vkDestroySurfaceKHR(
    VkInstance      instance,
    VkSurfaceKHR     surface,
    const VkAllocationCallbacks* pAllocator // usually nullptr
);
```

VkInstance

VkSurfaceKHR