## **Asset Manager** Renderer Input Manages \*\* Manages Manages (in own thread) Material Texture Pipeline Uniform Mesh Manager Scene Manager Input Handle Manager Manager Manager Manager Consists of The key map has a reference in the Asset manager. The key map can be referenced by anything Input related like a camera. Scenes References Lights Info MVP Matrix New Meshes, lights etc Render Window New Scene Lights Creates: Renders to window material from: The importers store all new Textures Creates: assets in the Pipeline Vulkan Renderer appropriate Device Pipeline manager Assimp loader manager, create a scene from it and Queue engine settings Does: send the scene to uniform manager Renderina the scene From all "renderable" instance manager All descriptor sets from: Global Uniforms Material in the current scene stored in the scene manager Swapchain recreation Parameters "Render" Instance Tools