

















void trace		
VkAccelerationStructure	topLevel,	// TLAS
unt	ray⊢lags,	
uint	shtRecordO	ffeet
uint	sbtRecordSt	tride
uint	missIndex.	
vec3	origin,	// x <sub>0</sub> , y <sub>0</sub> , z <sub>0</sub>
float	tmin,	// minimum t to allow (near)
vec3	direction,	// dx, dy, dz
float	tmax,	// maximum t to allow (far)
int	payload	
);		
kan terms (these are built-ins ac	cessible from G	LSL):
$\mathbf{x}_{0}, \mathbf{y}_{0}, \mathbf{z}_{0}$		
: = t		















vkCmdBindPipeline( CommandBuffer, VK_PIPELINE_BIND_POINT_RAY_TRACING, RaytracePipeline		
vkCmdTraceRays(	CommandBuffer. raygenShaderBindingTableBuffer, raygenShaderBindingOffset, missShaderBindingOffset, missShaderBindingOffset, missShaderBindingOffset, hitShaderBindingStride, callableShaderBindingStride, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, callableShaderBindingOffset, swidth, height, depth );	

