BUFFER OVERVIEW This document shows the usage of buffers during one frame	INITIALIZATION STAGE			MODIFICATION STAGE			RELEASE STAGE	
	Init Flags - sets all flags to its default values	Update Alive Buffers - copies all pointers from the AliveSwapBuffer (that was filled in previous frame) to AliveBuffer if particle is alive in current frame - updates value in AliveCounterBuffer to to currently alive particles	Reset Force - resets force for each particle that is alive	Emitter - every emitter has its own region in the ParticleBuffer - overwrites slots that are empty or where particles are dead - adds pointers to emitted particles in AlivePointerBuffer - updates AliveCounterBuffer accordingly - increments EmitterCounterBuffer until enough particles got emitted There can be an arbitrary amount of emitters. Each emitter has its own region in the ParticleBuffer. The buffersize automatically adapts to the sum of all emittersizes.	address particles either with the SelectionPointerBuffer or the AlivePointerBuffer Selectors can be logically combined. Note that the ID of the FIRST successful selector is stored in th SelectionIndexBuffer	Modifications - a modification is applied to a particle according to the SelectionFlag in the FlagBuffer (they are are addressed either by SelectionPointerBuffer or AlivePointerBuffer) - if a modifier is applied to a current selection the SelectionIndexBuffer can be used to address data that modifies the particle attribute	Update Alive Buffers - copies all pointers to living particles from the AlivePointerBuffer to the AliveSwapBuffer	Iterator - finally updates position, age & lifespan of alive particles
ParticleBuffer - stores all particle data AlivePointerBuffer - stores pointers to alive particles - used in nearly all shaders to address particles AliveCounterBuffer - stores the number of alive particles - used in nearly all shaders to address particles - used in nearly all shaders to address particles AliveSwapBuffer - is used to copy pointers to alive particles between successive frames EmitterCounterBuffer								
- used in emitters to control emission of particles SelectionPointerBuffer - stores pointers to selected particles - used in modifier shaders to address selected particles SelectionCounterBuffer - stores the number of selected particles - used in modifier shaders to address selected particles SelectionIndexBuffer - stores the index of the selector that succesfully selected a particle - used in modifier shaders to assign data to selected particles FlagBuffer - stores flags to control behavior of shaders								