BUFFER OVERVIEW This document shows the usage of buffers during one frame				MODIFICATION STAGE			RELEASE STAGE	
	Init Flags - sets all flags to its default values	Update Alive Buffers - copies pointers of living particles from AliveSwapBuffer (that was filled in previous frame) to AliveBuffer - updates counter in AliveCounterBuffer to to the number of living particles	Reset Force - resets the forces that were used to calculate the position of all living particles in the last frame	Emitter - every emitter has its own region in the ParticleBuffer - emits into slots that are still empty or where particles are marked as dead - adds pointers to new particles in AlivePointerBuffer - increments AliveCounterBuffer for every written particle - uses the EmitterCounterBuffer to regulate the number of emissions An arbitrary amount of emitters can be used. Each emitter occupies its own region in the ParticleBuffer and the total buffersize automatically adapts to the sum of all emitter binsizes.	AlivePointerBuffer) Selectors can be logically combined. Note that the ID of the FIRST successful selector is stored in th SelectionIndexBuffer	Modifications - dependent on the SelectionFlag in the FlagBuffer modifications are applied to particles addressed by the AlivePointerBuffer or the SelectionPointerBuffer - if modifiers are applied to selections, the SelectionIndexBuffer can be used to address data in DynamicBuffers (which provide data for the modifiers)	Update Alive Buffers - pointers to alive particles are copied from AlivePointerBuffer to AliveSwapBuffer	Iterator - positions, ages & lifespans get updated for each living particle
ParticleBuffer - stores all particle data					Selectors and Modificators can introduce arbitrary attributes. The partito introduce completely new attributes by writing own Selectors and/c	clesystem-structure automatically adapts to the them, so it is very easy ar modificators.		
AlivePointerBuffer - stores pointers to living particles - used in nearly all shaders to address particles efficiently AliveCounterBuffer - stores the number of alive 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

- stores flags to control behavior of shaders

FlagBuffer