picoGPUConfig

numThreads
emitsPerThread

EmitConfiguration keySpace int valSpace int indexCount int emitsPerThread int keySize int valSize int type int operator EmitConfiguration & EmitConfiguration(const int totalKeySpaceBytes, const int totalValueSpaceBytes, const int configType) EmitConfiguration() EmitConfiguration(const EmitConfiguration & rhs) createAtomicConfiguration(const int totalKeySpaceBytes, const int totalValueSpaceBytes) createThreadConfiguration(const int totalKeySpaceBytes, const int totalValueSpaceBytes,const dim3 & gridSize, const dim3 & blockSize) createBlockConfiguration (const int totalKeySpaceBytes, const int totalValueSpaceBytes,const dim3 & gridSize) createGridConfiguration (const int totalKeySpaceBytes, const int totalValueSpaceBytes, const dim3 & gridSize, const dim3 & blockSize, const int totalEmitsPerThread,const int pKeySize, const int pValSize) -memberName

Combiner()
canExecuteOnGPU()
canExecuteOnCPU()
init()
finalize()
getMemoryRequirementsOnGPU()
executeOnGPUAsync(void * const gpuKeys,void * const gpuValues,const int numKeys,const int singleKeySize,const int singleValSize,int * const gpuNumOutputKeys,cudacpp::Stream * const gpuKeyOffsets,int * const gpuValOffsets,int * const gpuNumOutputKeys,cudacpp::Stream * const gpuKeyOffsets,int * const gpuValOffsets,int * const gpuNumOutputKeys,cudacpp::Stream * const stream)

Partial Reducer

PartialReducer()
canExecuteOnGPU()
canExecuteOnCPU()
init()
finalize()
getMemoryRequirementsOnGPU(EmitConfiguration & emitConfig)
executeOnGPUAsync(EmitConfiguration & const gpuKeys,void * const gpuVals,void * const gpuMem,int * const gpuKeyCounts,int * const gpuKeyOffsets,int * const gpuValCounts,int * const gpuValOffsets,cudacpp::Stream * stream)

executeOnCPUAsync()

WordCountReducer()
getEmitConfiguration(const void * const keys,
const int * const numVals,const int numKeys,int & numKeysToProcess)
canExecuteOnGPU()
canExecuteOnCPU()
init()
finalize()
executeOnGPUAsync(const int numKeys,const void * const keys,const void * const vals,const int * const keyOffsets,const int * const kernelStream)

WordCountReducer