Partitioner() Mapper() canExecuteOnGPU() getEmitConfiguration(Chunk * const chunk) canExecuteOnCPU() canExecuteOnGPU() getMemoryRequirementsOnGPU(EmitConfiguration & emitConfig) canExecuteOnCPU() init() finalize() init() finalize() executeOnGPUAsync(const int numKeys, executeOnGPUAsync(Chunk * const chunk, picoGPUConfig & picoGPUConfig, void * const const int singleKeySize, const int singleValSize,void * const gpuKeys,void * const gpuVals, int * gpuKeyOffsets, int * gpuMemoryForChunk,cudacpp::Stream * kernelStream, cudacpp::Stream * memcpyStream) gpuValOffsets,int * gpuKeyCounts, int * gpuValCounts,void * const gpuMemory,cudacpp::Stream * kernelStream) executeOnCPUAsync(Chunk * const chunk, picoCPUConfig & picoCPUConfig)

const int singleKeySize, const int singleValSize,void * const gpuKeys,void * const gpuVals, int * gpuKeyOffsets, int * gpuValOffsets, int * gpuValCounts, int * gpuValCounts,void * const gpuMemory,cudacpp::Stream * kernelStream) executeOnCPUAsync(picoCPUConfig gpmrCPUConfig, int * keyOffsets, int * valOffsets)

IntIntRoundRobinPartitioner

canExecuteOnGPU()
canExecuteOnCPU()
getMemoryRequirementsOnGPU(EmitConfiguration & emitConfig)
init()
finalize()
executeOnGPUAsync(const int numKeys,
const int singleKeySize, const int singleValSize,void * const gpuKeys,void * const gpuVals, int * gpuValOffsets, int * gpuValOffsets, int * gpuValCounts, void * const gpuMemory,cudacpp::Stream * kernelStream)

executeOnCPUAsync(picoCPUConfig gpmrCPUConfig, int * keyOffsets, int * valOffsets)

IntIntSorter()
init()
canExecuteOnCPU()
canExecuteOnGPU()
executeOnGPUAsync(void * const keys, void * const vals, const int numKeys, int & numUniqueKeys, int
** keyOffsets, int ** valOffsets, int ** numVals)
finalize()
executeOnCPUAsync(void * const keys, void * const vals, const int numKeys, int & numUniqueKeys, int
** keyOffsets, int ** valOffsets, int ** numVals)

executeOnGPUAsync(void * const keys, void * const vals, const int numKeys,

int & numUniqueKeys, int ** keyOffsets, int ** valOffsets, int ** numVals)

canExecuteOnGPU()

finalize()

numUniqueWords
mappedOneAlready
dataDir
gpuG

wordCountMapperExecute(const float * const gpuCenters,const int numCenters,const int numDims,void * const gpuMemoryForChunk,const int numElems,picoGPUConfig & picoGPUConfig,cudaStream_t & stream)
WordCountMapper(const char * const pDataDir, const int numUniqueWords)
getEmitConfiguration(pico::Chunk * const chunk)
canExecuteOnGPU()
canExecuteOnGPU()
init()
finalize()
executeOnGPUAsync(pico::Chunk * const chunk, picoGPUConfig & picoGPUConfig, void * const gpuMemoryForChunk,cudacpp::Stream * kernelStream, cudacpp::Stream * memcpyStream)

/ordCountMapper

executeOnCPUAsync(pico::Chunk * const chunk, picoCPUConfig & picoCPUConfig)