

SortShuffleManager

getWriter

BypassMergeSortShuffleSerializedShuffleHandleBaseShuffleHandle

MapStatus

BypassMergeSortShuffleWriter

UnsafeShuffleWriter

SortShuffleWriter

insertAll

shouldCombine?

Y

N

N

map:PartitionedAppendOnlyMap

changeValue

buffer:PartitionedPairBuffer

insert

maybeSpillCollection

Y

maybeSpill

spill

BlockManager

merge

spill file

spill file

writePartitionedFile

writeIndexFileAndCommit

data

index

