

Variable	Hadoop Parameter	Default Value	Effect
pNumNodes	Number of Nodes		System
pTaskMem	mapred.child.java.opts	-Xmx200m	System
pMaxMapsPerNode	mapred.tasktracker.map.tasks.max	2	System
pMaxRedPerNode	mapred.tasktracker.reduce.tasks.max	2	System
pNumMappers	mapred.map.tasks		Job
pSortMB	io.sort.mb	100 MB	Job
pSpillPerc	io.sort.spill.percent	0.8	Job
pSortRecPerc	io.sort.record.percent	0.05	Job
pSortFactor	io.sort.factor	10	Job
pNumSpillsForComb	min.num.spills.for.combine	3	Job
pNumReducers	mapred.reduce.tasks		Job
pInMemMergeThr	mapred.inmem.merge.threshold	1000	Job
pShuffleInBufPerc	mapred.job.shuffle.input.buffer.percent	0.7	Job
pShuffleMergePerc	mapred.job.shuffle.merge.percent	0.66	Job
pReducerInBufPerc	mapred.job.reduce.input.buffer.percent	0	Job
pUseCombine	mapred.combine.class or mapreduce.combine.class	null	Job
pIsIntermCompressed	mapred.compress.map.output	false	Job
pIsOutCompressed	mapred.output.compress	false	Job
pReduceSlowstart	mapred.reduce.slowstart.completed.maps	0.05	Job
pIsInCompressed	Whether the input is compressed or not		Input
pSplitSize	The size of the input split		Input