

IRMaSim Development Notes



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-n, -ntasks=<number>

-c, -cpus-per-task=<ncpus> -ntasks-per-core=<ntasks> -ntasks-per-node=<ntasks> -ntasks-per-socket=<ntasks>

-N, -nodes=<minnodes>[-maxnodes]

-mincpus=<n> -use-min-nodes

-cores-per-socket=<cores> -sockets-per-node=<sockets> -threads-per-core=<threads>

-mem=<size>[units] -mem-per-cpu=<size>[units] -mem-per-gpu=<size>[units]

-gpus-per-node=[type:]<number> -gpus-per-socket=[type:]<number> -gpus-per-task=[type:]<number>

-cpus-per-gpu=<ncpus> -ntasks-per-gpu=<ntasks>

-exclusive[=user|mcs] -spread

-nodes	-ntasks	-ntasks-per-node	
0	0	0	error
0	0	nt	error
0	n	0	$N=n$ $nt=1$
0	n	nt	$N=n/nt$
N	0	0	$n=N$ $nt=1$
N	0	nt	$n=N*nt$
N	n	0	$nt=n/N$
N	n	nt	error





