

CLIRAD+GRELL T341L64 10 dias deltat=240s

%NQSII(INFO): ----- Output from job:0000 -----

PID	TTY	TIME	COMMAND
1374	?	0:00	ps
1365	?	0:00	csch
1366	?	0:00	mpid
1367	?	0:00	mpid

UID	PID	PPID	JID	C	STIME	TTY	TIME	COMMAND
poeta	1375	1365	6822	0	11:37:35	?	0:00	ps -fu poeta
poeta	1365	1364	6822	1	11:37:32	?	0:00	-csch
poeta	1366	1365	6822	1	11:37:32	?	0:00	/usr/lib/mpi/mpid
poeta	1367	1366	6822	0	11:37:32	?	0:00	/usr/lib/mpi/mpid

stty: : Invalid argument

vt100

resize: can't open terminal /dev/tty

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Welcome to tupan00: SUPER-UX 14.1 SX-6
Today is Thu Jun 8 11:37:35 GMT 2006

stty: : Invalid argument

vt100

resize: can't open terminal /dev/tty

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Welcome to tupan00: SUPER-UX 14.1 SX-6
Today is Thu Jun 8 11:37:35 GMT 2006

MPI/SX: command Version 7.1.3 (13. May 2005): Copyright (c) NEC Corporation
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MPI/SX: daemon Version 7.1.4 (14. June 2005): Copyright (c) NEC Corporation
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Values of significant variables used by MPI/SX:

DISPLAY	=
MPICOLLORDER	= OFF
MPICOMMINF	= NO
MPIMULTITASKMIX	= ON
MPIPROGINF	= DETAIL
MPISUSPEND	= OFF
MPIVERSION	= ON

Derived and further values:

Wait method	: Busy waiting
Global memory	: SX Global Memory
Inter Node Communication	: IXS; ARNA returns ACK/NACK in register
Number of RCU's	: 1
Number of GCR's	: 32
GBC/GBCF flags	: Available (up to 8 flags)

Multi-node Job limits:

Interactive jobs	= No limit
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All NQS jobs = No limit
NQS/MPI jobs = No limit
standard NQS jobs = No limit

/usr/lib/mpi/mpid: Creating 8 processes of
'/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan00

MPI Program Information:

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Note: It is measured from MPI_Init till MPI_Finalize.
[U,R] specifies the Universe and the Process Rank in the Universe.

Global Data of 32 processes :	Min [U,R]	Max [U,R]
Average		
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Real Time (sec) 10141.738	: 10141.379 [0,20]	10142.285 [0,11]
User Time (sec) 9248.037	: 9160.904 [0,0]	9263.607 [0,22]
System Time (sec) 22.998	: 21.945 [0,29]	40.546 [0,0]
Vector Time (sec) 6440.013	: 4959.559 [0,31]	6882.054 [0,0]
Instruction Count 1007231922141	: 916175719293 [0,0]	1150993641068 [0,31]
Vector Instruction Count 214150208433	: 152797308854 [0,31]	242433573998 [0,2]
Vector Element Count 44035457468050	: 31568614270533 [0,31]	49267487882328 [0,0]
FLOP Count 19013455813975	: 14509509979818 [0,31]	21870827999020 [0,0]
MOPS 4847.553	: 3519.646 [0,31]	5452.287 [0,0]
MFLOPS 2056.048	: 1568.110 [0,31]	2387.409 [0,0]
Average Vector Length 205.768	: 179.739 [0,29]	225.413 [0,17]
Vector Operation Ratio (%) 98.203	: 96.935 [0,31]	98.638 [0,0]
Memory size used (MB) 1742.257	: 1634.104 [0,22]	2145.635 [0,0]
Global Memory size used (MB) 18.000	: 16.000 [0,1]	32.000 [0,0]
MIPS 108.910	: 100.009 [0,0]	124.393 [0,31]
Instruction Cache miss (sec) 592.337	: 360.481 [0,14]	1195.605 [0,31]
Operand Cache miss (sec) 545.814	: 358.150 [0,0]	727.014 [0,14]
Bank Conflict Time (sec) 31.893	: 22.388 [0,30]	59.734 [0,7]

Overall Data:

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Real Time (sec) : 10142.285
User Time (sec) : 295937.200
System Time (sec) : 735.951
Vector Time (sec) : 206080.409
GOPs (rel. to User Time) : 155.115
GFLOPS (rel. to User Time) : 65.790
Memory size used (GB) : 54.446
Global Memory size used (GB): 0.563
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logout

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%NQSII(INFO): ----- Output from job:0001 -----
/usr/lib/mpi/mpid: Creating 8 processes of
'/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan10
```

```
%NQSII(INFO): ----- Output from job:0002 -----
/usr/lib/mpi/mpid: Creating 8 processes of
'/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan11
```

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%NQSII(INFO): ----- Output from job:0003 -----
/usr/lib/mpi/mpid: Creating 8 processes of
'/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan01
```