

Reading Profile files in profile.*

NODE 0;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	2	1,115	1	7	1115667 int main(int, char **) C
92.1	1,027	1,027	1	0	1027312 MPI_Init()
6.4	0.249	71	1	23	71167 double powerMethod(double *, double *, int, int) C
6.4	68	70	10	40	7088 void matVec(double *, double *, double *, int) C
1.1	12	12	1	2	12621 void generatematrix(double *, int) C
0.2	2	2	1	0	2505 MPI_Finalize()
0.1	1	1	10	0	145 MPI_Gather()
0.1	0.61	0.61	10	0	61 MPI_Bcast()
0.0	0.041	0.041	11	0	4 double norm2(double *, int) C
0.0	0.009	0.009	13	0	1 MPI_Comm_size()
0.0	0.004	0.004	13	0	0 MPI_Comm_rank()
0.0	0.004	0.004	1	0	4 void generatevec(double *, int) C

USER EVENTS Profile :NODE 0, CONTEXT 0, THREAD 0

NumSamples	MaxValue	MinValue	MeanValue	Std. Dev.	Event Name
10	2E+04	2E+04	2E+04	0	Message size for broadcast
10	5000	5000	5000	0	Message size for gather

NODE 1;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,115	1	7	1115490 int main(int, char **) C
92.1	1,027	1,027	1	0	1027362 MPI_Init()
6.3	0.25	70	1	23	70733 double powerMethod(double *, double *, int, int) C
6.3	68	70	10	40	7045 void matVec(double *, double *, double *, int) C
1.2	13	13	1	2	13063 void generatematrix(double *, int) C
0.2	2	2	1	0	2332 MPI_Finalize()
0.1	1	1	10	0	128 MPI_Bcast()
0.0	0.408	0.408	10	0	41 MPI_Gather()
0.0	0.036	0.036	11	0	3 double norm2(double *, int) C
0.0	0.008	0.008	13	0	1 MPI_Comm_size()
0.0	0.004	0.004	1	0	4 void generatevec(double *, int) C
0.0	0	0	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 1, CONTEXT 0, THREAD 0

NumSamples	MaxValue	MinValue	MeanValue	Std. Dev.	Event Name
10	2E+04	2E+04	2E+04	0	Message size for broadcast
0	0	0	0	0	Message size for gather

NODE 2;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,115	1	7	1115586 int main(int, char **) C
92.1	1,027	1,027	1	0	1027346 MPI_Init()
6.3	0.25	70	1	23	70504 double powerMethod(double *, double *, int, int) C
6.3	69	70	10	40	7022 void matVec(double *, double *, double *, int) C
1.2	13	13	1	2	13232 void generatematrix(double *, int) C
0.2	2	2	1	0	2688 MPI_Finalize()
0.1	0.868	0.868	10	0	87 MPI_Bcast()
0.0	0.309	0.309	10	0	31 MPI_Gather()
0.0	0.037	0.037	11	0	3 double norm2(double *, int) C
0.0	0.007	0.007	13	0	1 MPI_Comm_size()
0.0	0.004	0.004	1	0	4 void generatevec(double *, int) C
0.0	0.001	0.001	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 2, CONTEXT 0, THREAD 0

NumSamples	MaxValue	MinValue	MeanValue	Std. Dev.	Event Name
10	2E+04	2E+04	2E+04	0	Message size for broadcast
0	0	0	0	0	Message size for gather

NODE 3;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,115	1	7	1115479 int main(int, char **) C
92.1	1,027	1,027	1	0	1027346 MPI_Init()
6.3	0.245	70	1	23	70319 double powerMethod(double *, double *, int, int) C
6.3	69	70	10	40	7003 void matVec(double *, double *, double *, int) C
1.2	13	13	1	2	13481 void generatematrix(double *, int) C
0.2	2	2	1	0	2545 MPI_Finalize()
0.1	0.648	0.648	10	0	65 MPI_Bcast()
0.0	0.337	0.337	10	0	34 MPI_Gather()
0.0	0.041	0.041	11	0	4 double norm2(double *, int) C
0.0	0.008	0.008	13	0	1 MPI_Comm_size()
0.0	0.005	0.005	1	0	5 void generatevec(double *, int) C
0.0	0.003	0.003	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 3, CONTEXT 0, THREAD 0

NumSamples	MaxValue	MinValue	MeanValue	Std. Dev.	Event Name
10	2E+04	2E+04	2E+04	0	Message size for broadcast
0	0	0	0	0	Message size for gather

FUNCTION SUMMARY (total):

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	7	4,462	4	28	1115556 int main(int, char **) C
92.1	4,109	4,109	4	0	1027342 MPI_Init()
6.3	0.994	282	4	92	70681 double powerMethod(double *, double *, int, int) C
6.3	275	281	40	160	7039 void matVec(double *, double *, double *, int) C
1.2	52	52	4	8	13099 void generatematrix(double *, int) C
0.2	10	10	4	0	2518 MPI_Finalize()
0.1	3	3	40	0	85 MPI_Bcast()
0.1	2	2	40	0	63 MPI_Gather()
0.0	0.155	0.155	44	0	4 double norm2(double *, int) C
0.0	0.032	0.032	52	0	1 MPI_Comm_size()
0.0	0.017	0.017	4	0	4 void generatevec(double *, int) C
0.0	0.008	0.008	52	0	0 MPI_Comm_rank()

FUNCTION SUMMARY (mean):

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,115	1	7	1115556 int main(int, char **) C
92.1	1,027	1,027	1	0	1027342 MPI_Init()
6.3	0.248	70	1	23	70681 double powerMethod(double *, double *, int, int) C
6.3	68	70	10	40	7039 void matVec(double *, double *, double *, int) C
1.2	13	13	1	2	13099 void generatematrix(double *, int) C
0.2	2	2	1	0	2518 MPI_Finalize()
0.1	0.853	0.853	10	0	85 MPI_Bcast()
0.1	0.626	0.626	10	0	63 MPI_Gather()
0.0	0.0387	0.0387	11	0	4 double norm2(double *, int) C
0.0	0.008	0.008	13	0	1 MPI_Comm_size()
0.0	0.00425	0.00425	1	0	4 void generatevec(double *, int) C
0.0	0.002	0.002	13	0	0 MPI_Comm_rank()