

Reading Profile files in profile.*

NODE 0;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive usec/call	Name
100.0	1	1,109	1	7	1109381	int main(int, char **) C
96.7	1,073	1,073	1	0	1073154	MPI_Init()
2.1	0.257	23	1	23	23181	double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2288	void matVec(double *, double *, double *, int) C
0.7	8	8	1	0	8135	MPI_Finalize()
0.3	3	3	1	2	3441	void generatematrix(double *, int) C
0.2	2	2	10	0	261	MPI_Gather()
0.2	2	2	10	0	243	MPI_Bcast()
0.0	0.039	0.039	11	0	4	double norm2(double *, int) C
0.0	0.012	0.012	1	0	12	void generatevec(double *, int) C
0.0	0.005	0.005	13	0	0	MPI_Comm_size()
0.0	0.003	0.003	13	0	0	MPI_Comm_rank()

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	1248	1248	1248	0	Message size for gather

NODE 1;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive usec/call	Name
100.0	1	1,104	1	7	1104604	int main(int, char **) C
97.1	1,072	1,072	1	0	1072019	MPI_Init()
2.1	0.256	23	1	23	23029	double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2273	void matVec(double *, double *, double *, int) C
0.5	5	5	10	0	514	MPI_Bcast()
0.4	4	4	1	0	4548	MPI_Finalize()
0.3	3	3	1	2	3424	void generatematrix(double *, int) C
0.0	0.161	0.161	10	0	16	MPI_Gather()
0.0	0.039	0.039	11	0	4	double norm2(double *, int) C
0.0	0.015	0.015	1	0	15	void generatevec(double *, int) C
0.0	0.008	0.008	13	0	1	MPI_Comm_size()
0.0	0.003	0.003	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 usec/call	Name
100.0	1	1,103	1	7	1103953	int main(int, char **) C
97.0	1,071	1,071	1	0	1071366	MPI_Init()
2.1	0.257	23	1	23	23030	double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2273	void matVec(double *, double *, double *, int) C
0.5	5	5	10	0	511	MPI_Bcast()
0.4	4	4	1	0	4669	MPI_Finalize()
0.3	3	3	1	2	3428	void generatematrix(double *, int) C
0.0	0.146	0.146	10	0	15	MPI_Gather()
0.0	0.04	0.04	11	0	4	double norm2(double *, int) C
0.0	0.016	0.016	1	0	16	void generatevec(double *, int) C
0.0	0.012	0.012	13	0	1	MPI_Comm_rank()
0.0	0.006	0.006	13	0	0	MPI_Comm_size()

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	1,103	1	7	1103833 int main(int, char **) C
97.1	1,071	1,071	1	0	1071370 MPI_Init()
2.1	0.259	23	1	23	23032 double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2273 void matVec(double *, double *, double *, int) C
0.5	5	5	10	0	504 MPI_Bcast()
0.4	4	4	1	0	4730 MPI_Finalize()
0.3	3	3	1	2	3414 void generatematrix(double *, int) C
0.0	0.118	0.118	10	0	12 MPI_Gather()
0.0	0.038	0.038	11	0	3 double norm2(double *, int) C
0.0	0.014	0.014	1	0	14 void generatevec(double *, int) C
0.0	0.006	0.006	13	0	0 MPI_Comm_size()
0.0	0.002	0.002	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

NODE 4;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,103	1	7	1103954 int main(int, char **) C
97.0	1,071	1,071	1	0	1071374 MPI_Init()
2.1	0.247	23	1	23	23014 double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2273 void matVec(double *, double *, double *, int) C
0.5	5	5	10	0	516 MPI_Bcast()
0.4	4	4	1	0	4605 MPI_Finalize()
0.3	3	3	1	2	3467 void generatematrix(double *, int) C
0.0	0.11	0.11	10	0	11 MPI_Gather()
0.0	0.038	0.038	11	0	3 double norm2(double *, int) C
0.0	0.012	0.012	1	0	12 void generatevec(double *, int) C
0.0	0.006	0.006	13	0	0 MPI_Comm_size()
0.0	0.002	0.002	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 4, 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 5;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,103	1	7	1103057 int main(int, char **) C
97.0	1,070	1,070	1	0	1070183 MPI_Init()
2.1	0.253	22	1	23	22907 double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2262 void matVec(double *, double *, double *, int) C
0.5	5	5	1	0	5036 MPI_Finalize()
0.4	4	4	10	0	492 MPI_Bcast()
0.3	3	3	1	2	3473 void generatematrix(double *, int) C
0.0	0.11	0.11	10	0	11 MPI_Gather()
0.0	0.038	0.038	11	0	3 double norm2(double *, int) C
0.0	0.014	0.014	1	0	14 void generatevec(double *, int) C
0.0	0.007	0.007	13	0	1 MPI_Comm_size()
0.0	0.005	0.005	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 5, 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 6;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive usec/call	Name
100.0	1	1,101	1	7	1101804	int main(int, char **) C
97.1	1,069	1,069	1	0	1069359	MPI_Init()
2.1	0.247	22	1	23	22967	double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2268	void matVec(double *, double *, double *, int) C
0.5	4	4	10	0	500	MPI_Bcast()
0.4	4	4	1	0	4449	MPI_Finalize()
0.3	3	3	1	2	3501	void generatematrix(double *, int) C
0.0	0.117	0.117	10	0	12	MPI_Gather()
0.0	0.04	0.04	11	0	4	double norm2(double *, int) C
0.0	0.02	0.02	1	0	20	void generatevec(double *, int) C
0.0	0.006	0.006	13	0	0	MPI_Comm_size()
0.0	0.005	0.005	13	0	0	MPI_Comm_rank()

USER EVENTS Profile :NODE 6, 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 7;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive usec/call	Name
100.0	1	1,108	1	7	1108454	int main(int, char **) C
96.5	1,069	1,069	1	0	1069599	MPI_Init()
2.1	0.25	23	1	23	23130	double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2284	void matVec(double *, double *, double *, int) C
1.0	10	10	1	0	10871	MPI_Finalize()
0.5	5	5	10	0	532	MPI_Bcast()
0.3	3	3	1	2	3505	void generatematrix(double *, int) C
0.0	0.086	0.086	10	0	9	MPI_Gather()
0.0	0.035	0.035	11	0	3	double norm2(double *, int) C
0.0	0.014	0.014	1	0	14	void generatevec(double *, int) C
0.0	0.005	0.005	13	0	0	MPI_Comm_size()
0.0	0.003	0.003	13	0	0	MPI_Comm_rank()

USER EVENTS Profile :NODE 7, 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 8;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive usec/call	Name
100.0	1	1,090	1	7	1090861	int main(int, char **) C
97.0	1,057	1,057	1	0	1057941	MPI_Init()
2.1	0.267	22	1	23	22966	double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2266	void matVec(double *, double *, double *, int) C
0.5	4	4	1	0	4989	MPI_Finalize()
0.4	4	4	10	0	459	MPI_Bcast()
0.3	3	3	1	2	3524	void generatematrix(double *, int) C
0.0	0.206	0.206	10	0	21	MPI_Gather()
0.0	0.037	0.037	11	0	3	double norm2(double *, int) C
0.0	0.014	0.014	1	0	14	void generatevec(double *, int) C
0.0	0.005	0.005	13	0	0	MPI_Comm_size()
0.0	0.003	0.003	13	0	0	MPI_Comm_rank()

USER EVENTS Profile :NODE 8, 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 9;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive usec/call	Name
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100.0	1	1,090	1	7	1090874	int main(int, char **) C
97.0	1,057	1,057	1	0	1057936	MPI_Init()
2.1	0.249	22	1	23	22947	double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2266	void matVec(double *, double *, double *, int) C
0.5	4	4	1	0	4969	MPI_Finalize()
0.5	4	4	10	0	491	MPI_Bcast()
0.3	3	3	1	2	3513	void generatematrix(double *, int) C
0.0	0.322	0.322	10	0	32	MPI_Gather()
0.0	0.037	0.037	11	0	3	double norm2(double *, int) C
0.0	0.013	0.013	1	0	13	void generatevec(double *, int) C
0.0	0.004	0.004	13	0	0	MPI_Comm_rank()
0.0	0.003	0.003	13	0	0	MPI_Comm_size()

USER EVENTS Profile :NODE 9, 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 10;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,090	1	7	1090315 int main(int, char **) C
97.0	1,057	1,057	1	0	1057399 MPI_Init()
2.1	0.247	22	1	23	22901 double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2261 void matVec(double *, double *, double *, int) C
0.5	5	5	1	0	5052 MPI_Finalize()
0.5	4	4	10	0	491 MPI_Bcast()
0.3	3	3	1	2	3573 void generatematrix(double *, int) C
0.0	0.255	0.255	10	0	26 MPI_Gather()
0.0	0.039	0.039	11	0	4 double norm2(double *, int) C
0.0	0.009	0.009	1	0	9 void generatevec(double *, int) C
0.0	0.005	0.005	13	0	0 MPI_Comm_size()
0.0	0.004	0.004	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 10, 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 11;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,096	1	7	1096643 int main(int, char **) C
96.4	1,057	1,057	1	0	1057706 MPI_Init()
2.1	0.255	22	1	23	22931 double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2264 void matVec(double *, double *, double *, int) C
1.0	11	11	1	0	11130 MPI_Finalize()
0.4	4	4	10	0	482 MPI_Bcast()
0.3	3	3	1	2	3528 void generatematrix(double *, int) C
0.0	0.244	0.244	10	0	24 MPI_Gather()
0.0	0.037	0.037	11	0	3 double norm2(double *, int) C
0.0	0.012	0.012	1	0	12 void generatevec(double *, int) C
0.0	0.004	0.004	13	0	0 MPI_Comm_size()
0.0	0.001	0.001	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 11, 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 12;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,090	1	7	1090713 int main(int, char **) C

97.0	1,057	1,057	1	0	1057745 MPI_Init()
2.1	0.251	22	1	23	22882 double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2259 void matVec(double *, double *, double *, int) C
0.5	4	4	1	0	4909 MPI_Finalize()
0.4	4	4	10	0	481 MPI_Bcast()
0.3	3	3	1	2	3567 void generatematrix(double *, int) C
0.0	0.236	0.236	10	0	24 MPI_Gather()
0.0	0.036	0.036	11	0	3 double norm2(double *, int) C
0.0	0.014	0.014	1	0	14 void generatevec(double *, int) C
0.0	0.006	0.006	13	0	0 MPI_Comm_size()
0.0	0.003	0.003	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 12, 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 13;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,089	1	7	1089178 int main(int, char **) C
97.0	1,056	1,056	1	0	1056270 MPI_Init()
2.1	0.247	22	1	23	22860 double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2257 void matVec(double *, double *, double *, int) C
0.5	5	5	1	0	5299 MPI_Finalize()
0.4	4	4	10	0	481 MPI_Bcast()
0.3	3	3	1	2	3613 void generatematrix(double *, int) C
0.0	0.181	0.181	10	0	18 MPI_Gather()
0.0	0.04	0.04	11	0	4 double norm2(double *, int) C
0.0	0.012	0.012	1	0	12 void generatevec(double *, int) C
0.0	0.007	0.007	13	0	1 MPI_Comm_rank()
0.0	0.003	0.003	13	0	0 MPI_Comm_size()

USER EVENTS Profile :NODE 13, 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 14;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,089	1	7	1089593 int main(int, char **) C
97.1	1,058	1,058	1	0	1058327 MPI_Init()
1.9	0.253	21	1	23	21060 double powerMethod(double *, double *, int, int) C
1.9	17	20	10	40	2077 void matVec(double *, double *, double *, int) C
0.5	4	4	1	0	4975 MPI_Finalize()
0.3	3	3	1	2	3768 void generatematrix(double *, int) C
0.3	3	3	10	0	327 MPI_Bcast()
0.0	0.212	0.212	10	0	21 MPI_Gather()
0.0	0.036	0.036	11	0	3 double norm2(double *, int) C
0.0	0.017	0.017	1	0	17 void generatevec(double *, int) C
0.0	0.004	0.004	13	0	0 MPI_Comm_size()
0.0	0.003	0.003	13	0	0 MPI_Comm_rank()

USER EVENTS Profile :NODE 14, 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 15;CONTEXT 0;THREAD 0:

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,097	1	7	1097394 int main(int, char **) C
96.4	1,057	1,057	1	0	1057727 MPI_Init()
2.1	0.249	22	1	23	22822 double powerMethod(double *, double *, int, int) C

2.1	17	22	10	40	2253 void matVec(double *, double *, double *, int) C
1.1	11	11	1	0	11736 MPI_Finalize()
0.4	4	4	10	0	493 MPI_Bcast()
0.3	3	3	1	2	3662 void generatematrix(double *, int) C
0.0	0.181	0.181	10	0	18 MPI_Gather()
0.0	0.037	0.037	11	0	3 double norm2(double *, int) C
0.0	0.019	0.019	1	0	19 void generatevec(double *, int) C
0.0	0.006	0.006	13	0	0 MPI_Comm_rank()
0.0	0.005	0.005	13	0	0 MPI_Comm_size()

USER EVENTS Profile :NODE 15, 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	22	17,574	16	112	1098413 int main(int, char **) C
96.9	17,029	17,029	16	0	1064342 MPI_Init()
2.1	4	365	16	368	22854 double powerMethod(double *, double *, int, int) C
2.1	280	360	160	640	2256 void matVec(double *, double *, double *, int) C
0.6	100	100	16	0	6256 MPI_Finalize()
0.4	75	75	160	0	470 MPI_Bcast()
0.3	56	56	16	32	3525 void generatematrix(double *, int) C
0.0	5	5	160	0	33 MPI_Gather()
0.0	0.606	0.606	176	0	3 double norm2(double *, int) C
0.0	0.227	0.227	16	0	14 void generatevec(double *, int) C
0.0	0.084	0.084	208	0	0 MPI_Comm_size()
0.0	0.066	0.066	208	0	0 MPI_Comm_rank()

FUNCTION SUMMARY (mean):

%Time	Exclusive msec	Inclusive total msec	#Call	#Subrs	Inclusive Name usec/call
100.0	1	1,098	1	7	1098413 int main(int, char **) C
96.9	1,064	1,064	1	0	1064342 MPI_Init()
2.1	0.253	22	1	23	22854 double powerMethod(double *, double *, int, int) C
2.1	17	22	10	40	2256 void matVec(double *, double *, double *, int) C
0.6	6	6	1	0	6256 MPI_Finalize()
0.4	4	4	10	0	470 MPI_Bcast()
0.3	3	3	1	2	3525 void generatematrix(double *, int) C
0.0	0.331	0.331	10	0	33 MPI_Gather()
0.0	0.0379	0.0379	11	0	3 double norm2(double *, int) C
0.0	0.0142	0.0142	1	0	14 void generatevec(double *, int) C
0.0	0.00525	0.00525	13	0	0 MPI_Comm_size()
0.0	0.00413	0.00413	13	0	0 MPI_Comm_rank()