Post processing

Strong Scaling

Number of pages (matrix shape) = 1000

Max iterations: 30

|  |  |
| --- | --- |
| Number of MPI ranks | Time |
| 2 | 1.228622 |
| 5 | 1.010658 |
| 10 | 0.948826 |
| 15 | 1.845125 |
| 20 | 1.813212 |
| 25 | 2.012650 |
| 35 | 1.994080 |
| 45 | 1.938596 |
| 55 | 1.985373 |
| 60 | 2.047834 |

Weak Scaling

Number of MPI ranks = 25

Max iterations: 30

|  |  |
| --- | --- |
| Matrix size | Time |
| 50 | 0.020321 |
| 100 | 0.022797 |
| 500 | 0.530321 |
| 1000 | 1.886470 |
| 2000 | 8.842539 |
| 3000 | 26.249609 |
| 5000 | 26.377385 |
| 10000 | 343.753117s |