

Parallelisation with OMP PARALLEL FOR

All parallelised parts use the omp parallel for construct to split up the work among multiple threads. Each thread is assigned a chunk of iterations of a parallelised for loop and executes the loop body. The actual splitting up of the work is done automatically but can be controlled using the schedule clause to alter the chunk size.

Parallelisation with OMP PARALLEL SECTIONS

All parallelised parts use the omp parallel sections construct to split up the work among several threads. How the work is split up is set by the individual sections in the code each containing a part of the work. These sections are assigned to threads for execution.

