

Lab 3: Embarrassingly parallelism with OpenMP: Mandelbrot set

par4111

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1 Introduction

WE HAVE TO REMEMBER THAT THE DEPENDENCY IS DUE TO THE WINDOWS THAT IS USED TO DRAW THE MANDELBROT SET (X11)

ADD THE MISSING PRAGMA, WE NEED TO CREATE A CRITICAL SECTION TO AVOID THE VARIABLE ACCESS THAT CREATES THE CONFLICT IN ORDER TO AVOID THE POSSIBLE DATA RACE (IT IS A VARIABLE OF THE X11 SECTION).

$OMP_NUM_THREADS = 8./mandel - omp - i10000 - o$

$OMP_NUM_THREADS = 1./mandel - omp - i10000 - o$