## find\_best\_score method Main method start Save best game for Get the threads current level quantity to run. Then open base game text file Yes run threads method No Basegame file ABORT save best game flag for Remove the figure opened correctly? current level == True Save best game for level 0 Yes Read the file and save its Execute lines into a game\_t\* record Yes More columns and find best score used as base game rotations? method for next level No Yes Clone current level save\_best\_game[0] Remove the figure Allocate the figure for game is True? current level in the No corresponding No Basegame column and rotation record filled? Destroy game 0 clone Destroy current level Yes No Deepest level For every column and Execute clone and return every rotation find best score reached? score method for level 1 Close the file Set save best game Yes Allocate the figure for Compute score for Score < Best True for all levels and level 0 in the actual Check if threads quantity is major replace the best current game score? column and rotation than game columns, if so set the score threads quantity to game columns For column into init and end, and for every rotation Create a shared data record containing best games matrix of size high enough to contain all threads best games with their Save best games for Compute init and end depth detected thread with best cols to iterate. scores into txt files and according to block destroy all the memory mapping allocated variables Create a private data record containing base game, best score for the thread, number of threads, its thread number, a Wait for all the pointer to shared data, and a Get the thread with boolean vector to flag when a threads to complete the best score their job game must be saved into best games record