

Williamson - UML Class Diagram

Puzzle
-puzzle : std::array<int, 81>
+Puzzle(filepath : const std::string&)
+solve() : void
-print(puzzle : std::array<int, 81>) : void
-solve(intout solutions : std::vector<board_t>) : void
-findNextEmptyCell() : int
-index(row : int, col : int) : int
-index(pos : std::pair<int, int>) : int
-position(int index) : std::pair<int, int>
-isValid(pos : std::pair<int, int>, ch : char) : bool
-isValid(row : int, col : int, ch : char) : bool
-readFile(filepath : std::string) : void

Only one class in the solution so I don't have anything to connect this to