

# Williamson - UML Class Diagram

<b>Puzzle</b>
-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