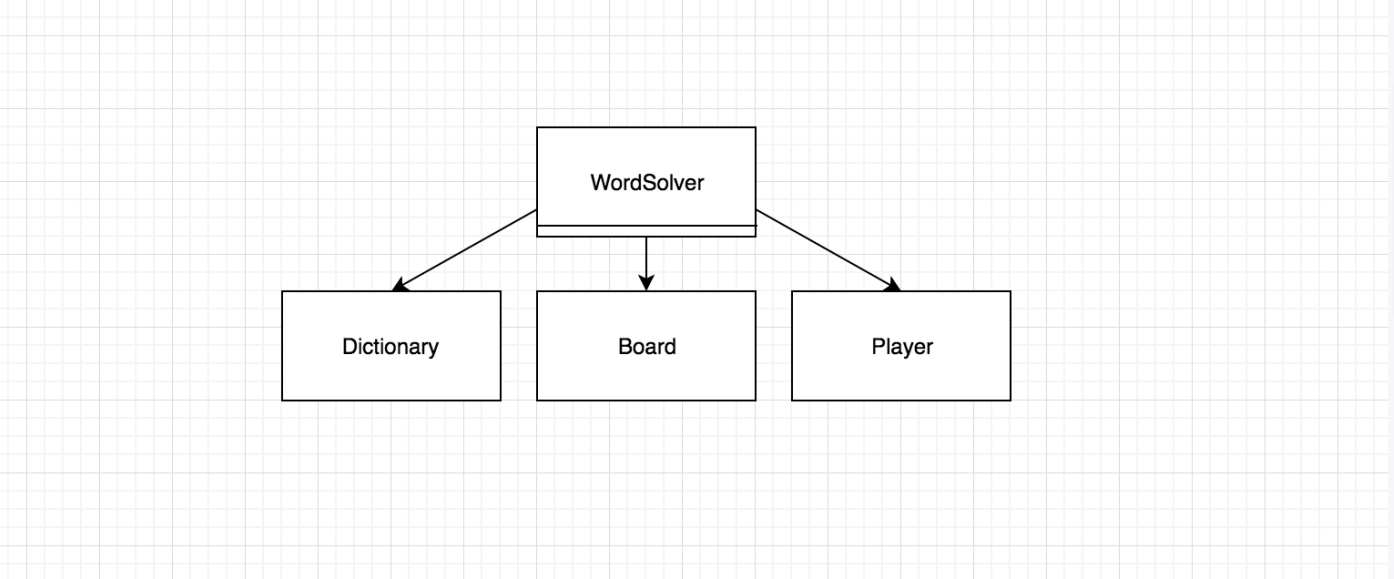
Word Solver



WordSolver: The WordSolver sets up a Scrabble Board with a dictionary and a computer player. After being fed input to set the board configuration the computer solves whatever board is set by that input.

Dictionary: The dictionary consists of a trie for the lookup structure. The dictionary file can be specified by command line arguments(otherwise default dictionary file is used) is used by the Board and Player to determine legal moves.

Player: The player is a computer player capable of playing a word on the scrabble board by creating words from the dictionary, using the words fed to its tray and the tiles placed on the board.

Board: The board for the scrabble game that also dictates the legality of moves played on the board. Uses standard scrabble set up, unless otherwise specified.