

word_ladder

- + filename : string
 - + user_input : list
 - + banned_filename : string
 - + banned : boolean
 - + words[]: List
 - + start_word: String
 - + end_word: String
 - + path: List
 - + seen: Dictionary
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- + populate_dictionary(filename, length): List
 - + same(item, target): int
 - + build(pattern, words, seen, path) : List
 - + build_basic(words, visited, current_word) : Set
 - + find(word, words, seen, target, path, outer_fitness) : Boolean
 - + short_path(words, start_word, target_word) : List
 - + init() : List
 - + run() : void