

Model::Main

DisplayPGSentence

-Text: string

-Matches: vector

+get_text(): string

+get_matches(): vector

+set_matches(matches)

PDetector

-corpus: vector<string>

+find_corpus(): void

+read_file(filename: string): string

+split_sentences(text: string): vector<string>

+detect_plagiarism(): void

StringMatcher

-max_distance: int

+hamming_distance(s1: string, s2: string): int

+brute_force(pattern: string, text: string, max_distance: int): vector<int>

+rabin_karp(pattern: string, text: string): vector<int>