

CodeBash

Team 5 | December 5, 2022

Keep track of user stats for the most recent game

Has the main file and takes user input

CodeBashModel

currentSentence : String
-rand : Random

+createNextSentence() : void

TypingStats

-correctLetters : int
-numWords : int
-errors : int
-totalLetters : int

+typedCorrect() : void
+typedIncorrect() : void
+wordCompleted() : void
+getWPM(double) : double
+calculateAccuracy() : double
+reset() : void

GameMode

ENGLISH
JAVA
PYTHON

ColorState

LIGHT_MODE
DARK_MODE
PURPLE_MODE

GameState

NEW_GAME
IN_PROGRESS
GAME_END

LineGenerator

-sources : String[]
-sentenceList : ArrayList<String>
-javaList : ArrayList<String>
-pythonList : ArrayList<String>
-minSentenceLength : int
-maxSentenceLength : int

+scanDocuments() : void

LetterEvaluator

-correctLetter : Character
-typedLetter : Character

+analvzeKeyPress() : boolean

ColorChanger

-lightModeUrl : String
-darkModeUrl : String
-purpleModeUrl : String

+changeColorDisplay(ColorState, Scene, Scene, Scene) : void

Changes the color of the display between css files

This checks the results of our user input

Make the sentence that someone will have to type

