UML Diagram - WordCloud Application

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ImagePrint

- fontFamilies: String[]

- font: Font

- colors: Color[]

+ createImage(String[] words): void

CommandLineUI

- s: Scanner

WordCloud

- fileParser: ArrayListFileReader

- webParser: WebPageReader

- frequencyTable: FrequencyTable

-ignoreWordsFile: ArrayListFileReader

+ printWordCloudImage(String imageFileName,
                              int maxNumberOfWords): void

Runner

+ main(): void

ArrayListFileReader

+ parse(): ArrayList<String>

WebPageReader

+ parse(): ArrayList<String>

<<interface>>
Parser

+ parse(): ArrayList<String>

FrequencyTable

- table: HashMap<String, Integer>

+ countWords(List<String> words): void

MapSorter

+ sortByValue(Map<String, Integer> unsortMap): HashMap<String, Integer>