



Nooz
 -newsMakers: NewsMakerList
 +main(args: String[]): void

UserInterface
 +queryNewsMakerName(): String
 +createListOfNewspaperStoriesForNewsmaker(newsMaker: NewsMaker): String
 -convertToOutputFormat(newspaperStory: NewspaperStory): String
 +presentNewspaperStories(listOfStories: String, newsMakerName: String): void
 +reportNewsmakerNotFound(queriedNewsMaker: NewsMaker): void

NewsMakerList
 -newsMakers: ArrayList<NewsMaker>
 +NewsMakerList()
 +add(newsMaker: NewsMaker): void
 +contains(newsMaker: NewsMaker): boolean
 +get(newsMaker: NewsMaker): NewsMaker

NoozFileProcessor
 -newsMakers: NewsMakerList
 +readNoozFile(fileName: String): NewsMakerList
 -processLine(line: String): void
 -decodeDate(dateString: String): LocalDate
 -decodeNewspaper(newspaperCode: String): String
 -decodeWordCount(wordCountString: String): int
 -decodeTopic(topicCode: String): String
 -decodeNewsmakerName(parts: String[]): String
 -decodeNewsmakerName(parts: String[], startingIndex: int): String

NewsMaker
 -name: String
 -newspaperStories: NewspaperStoryList
 +NewsMaker()
 +NewsMaker(name: String)
 +equals(o: Object): boolean
 +getName(): String
 +getNewspaperStories(): NewspaperStoryList
 +addNewspaperStory(newspaperStory: NewspaperStory): void

NewspaperStoryList
 -newspaperStories: ArrayList<NewspaperStory>
 +add(newspaperStory: NewspaperStory): void
 +size(): int
 +get(index: int): NewspaperStory

NewspaperStory
 -date: LocalDate
 -newspaperName: String
 -wordCount: int
 -topic: String
 -newsMaker1: NewsMaker
 -newsMaker2: NewsMaker
 +NewspaperStory(date: LocalDate, newspaperName: String, wordCount: int, topic: String, newsMaker1: NewsMaker, newsMaker2: NewsMaker)
 +getDate(): LocalDate
 +getNewspaperName(): String
 +getWordCount(): int
 +getNewsMaker1(): NewsMaker
 +getNewsMaker2(): NewsMaker
 +getTopic(): String