diaryapp::DiaryGUIApp

+main(String[] args): void

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diaryapp::DiaryWinGUI

-serialVersionUID = 1L: long
+frame: JFrame
+textFieldSearch = new JTextField(): JTextField
+textChoice = new JTextField(): JTextField
+textFieldHMIOutputText = new JTextField(): JTextField
~fromDateFormatted = new JFormattedTextField(): JFormattedTextField
~toDateFormatted = new JFormattedTextField(): JFormattedTextField
+textContainer = new JTextArea(): JTextArea
+textArea = new JScrollPane(textContainer): JScrollPane
~newDay = false: Boolean
~dayLoaded = false: Boolean
~saveFlag = false: Boolean
~serchActive = false: Boolean
-theModel: List<Diary>
~days = new DiaryLibrary(): Library<Diary>
~filename = "diarylist.txt": String

~DiaryWinGUI(List<Diary> model): ctor
+addButtonToFrame(JButton button): void
~parseString(String format): String
-resetForm(): void
-updateGUI(): void
~makeLine(String sign, int signCount): String
-existingDay(String searchPattern): boolean
-searchItem(String searchPattern): List<Diary>

«interface» diary::Library

~addItem(Diary item): boolean
+readItems(String filename): String
~openDiary(String filename): String
~showDaysOnTextArea(): String
~getNoOfItems(): int
~getMaxItemID(): int
~existingDay(String searchPattern): boolean
~searchItem(String searchPattern): List<T>
~getItem(int itemId): T

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diary::DialogBox

+OptionOkNoCancel(): int
+OptionHelp(): void

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diary::DiaryLibrary

~maxItemID = 1: int
+diaryList = new ArrayList(): List<Diary>
~filename = "": String
~currentOpenDay = "": String

+loadDiary(): String
+openTheDay(String filename): String
+newDay(): String
+setCurrentOpenDay(String currentOpen): String
+createDayPath(String newDay): String
+currentOpenDay(): String
+getInputFilePath(String filename): String
+dayToday(): String
+addItem(Diary item): boolean
+getCurrentDateTime(): String
+getCurrentDate(): String
+showDaysOnTextArea(): String
+getCurrentPath(): String
+readItems(String filename): String

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diary::Diary

~Date: String
~Path: String
~cPath: String
~Status: int

+Diary(String date, String path, int status): ctor
+setDayToday(): void
+getPath(): String
+getCPath(): String
~setPath(String path): void
~getStatus(): int
~setStatus(int status): void
+getDate(): String
~getTodaysDate(): String
~getYear(): String
~getMonth(): String
+toDate(): String
+dayToString(): String
+compareTo(Diary o): int

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diary::Day

+openDay(String day): boolean
+newDay(): boolean
+insertDay(): boolean
+saveDay(DialogBox okPane): boolean
+saveTheDay(String filename): void
+searchDays(String day): boolean