Initial Class Diagram

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*Some of the classes are similar to the LTS class diagram and some are new additions. This diagram has been updated with the development of the program.

Title: Hattpad Class Diagram

JFrame

The following classes have been used:
+JButton
+JLabel
+JTextArea
+JList
Implements :
ActionListener

Hattpad

-ReadData rd
-Records re
-Sorter s
-MainPage mpg
-Library_temp
-Update
-Login
-HELPPAGE

-void paint (Graphics g)
+static void main (String str[])
+void draw_library
+void HATTPAD
+void HELPPAGE
+void view_menu
+void search_menu
+void library_print
+void addBook()
+void deleteBook

ReadData

\+ String [] readFile(String fname, int max)

Records

+String [][] getRecords (String data [])

Update

+void updateFile(String fileName, String data[][])

Library_temp

\+ library_temp (String info[][], String itemToPrint, String imageToPrint, int x)

HATTPAD

+HATTPAD(boolean admin)

Login

+Login()

HELPPAGE

+void HELPPAGE()

ImagePanel

-Image img
+ImagePanel(String img)
+ImagePanel(Image img)
+void paintComponent(Graphics g)

Sorter

\+ static String [][] sort (String list [][], int item)
-static void swap (String list[][], int index, int item)

1..1   1..1   1..1   1..*   1..1   1..1   1..1   1..*   1..*