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APCS

FP: UML

2022-05-30

time spent: .5 hrs

<b>Woo</b> (driver)
+ static Frame f - static Notebook nb + static KittenKeyListener listener
+ void main(String[] args) <- entry point

<b>Line</b>
- String title - boolean primary + ArrayList<Line> nbAL + int[] cursorPos
+ Line() + Line(String content) + String getText() + void setLink(int linkIndex) + int getLinkIndex()

<b>Notebook</b> (uses Line)
- ArrayList<Line> notebook - String title - int[] cursorPos
+ Notebook() + Notebook(String title) + void writeLine(String s) + int[] justify(int pos, int maxIndex, int radius) + int[] getCursorPos() + int[] setCursorPos()

+ String toString()
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<b>KittenKeyListener</b> (uses Notebook)
– notebook nb
+ KittenKeyListener(Notebook nb)
+ void refresh()
+ void keyTyped(KeyEvent e)
+ void keyPressed(KeyEvent e)
+ void keyReleased(KeyEvent e)

<b>Command</b> (uses Notebook, Action, Params, and CmdKeyListener)
– static boolean helpEnabled
– static JPanel p
– static JLabel l
– static JLabel c
– static JLabel w
+ static void prompt(Notebook nb)
+ static void clear()
+ static void help()
+ static radius(int radius)
+ static void width(int lineLength)
+ static void num()
+ static int count(Notebook nb)
+ static void eol(Notebook nb)
+ static void save(Notebook nb)
+ static void save(String s, Notebook nb)
+ static void coin(Notebook nb)
+ static void cat()

<b>Action</b> (uses Notebook and Command)
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+ static void clearScreen()

<ul style="list-style-type: none"> <li>+ static void process(int input, Notebook nb)</li> <li>+ static void type(char input, Notebook nb)</li> <li>+ static void invokeCommand(String input, Notebook nb)</li> </ul>
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<b>CmdKeyListener</b> (uses Notebook, Params, and Action)
<ul style="list-style-type: none"> <li>– Notebook nb</li> <li>– Notebook nb2</li> <li>– boolean closed</li> <li>– String cmd</li> </ul>
<ul style="list-style-type: none"> <li>+ CmdKeyListener(Notebook nb1, Notebook nb2)</li> <li>+ boolean isOpen()</li> <li>+ void refresh()</li> <li>+ keyTyped(KeyEvent e)</li> <li>+ keyPressed(KeyEvent e)</li> <li>+ keyReleased(KeyEvent e)</li> </ul>

<b>Params</b>
<ul style="list-style-type: none"> <li>+ static int radius</li> <li>+ static int lineLength</li> <li>+ static boolean dispLineNum</li> <li>+ static boolean toggleCount</li> </ul>
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