



Swing Panel

- << final>>>enalVersionUID: long = 201608231505L
- -- opt : 1nt
- end: boolean
- -ins: Mapainput 2? >, JTextFields
- <<fi>- <<fi>- (<final>> = 10cm: Object = new Object()
- ((Synchronized>>sleep(n·int):void
- << synchronized >> await(): void
- option (): int
- parse(): boolean

Interaction Using Swing

- Kfinalssserial VarkionUID: long = 201608231515L
- message(s: String, title: String): void

Display

- -- UI : Dialog
- -- title: String=""
- -- text: String = ""
- tadd (text: String): Display
- +addLine(text: String): Display
- +add Newline (text: String, force: bodean): Display
- + gestitle (): String
- + get Text(): String
- +display (force: boolecin): void
- + display(): void
- +popup(+oPop: Object): void

Dialog Exception

serial VersicauiD: long=200610291601L

tinterfacess interaction

- +menu (menu: Menu): void
- +form (form: form); void
- +message(display: Display): void
- 4 set Title (title: String): void
- +close (): void

Variatiffications

- # _ receiver : Receiver
- + (cabstroct) is valid(); boolean

Kenu

- - HIE: String
- -_commands: Command (?)[]
- - UI: Dicitog
- +title(): String
- +8136():10+
- tentry(n:int): (ommand <?)
- entries(): (command(?)[]
- topen(): void

Dichoy

- (stimul) ACTION SWING: String = "swing"
- (Finally ACTION TEXT : String="text"
- + IO: Dialog = new Dicitog()
- _ subsystem : Interaction
- + SetTitle (title: String): void
 - + menu (menu: Menu): vaid
- tform (form: Form): void
- + message (d: Display): void
- + close () : void

```
-in: Buffered Reader: new Buffered Reader (new Input Stream Reader (System.in))
- - out: Print Stream = System. out
- - log: Print Stream = noll
- - write Input : boolean
+ closeDown(): void
-<<finalss read = neger (prompt : String): int
- 44 finals > read string (prompt: String): String
- effinal >> primin (+ex+: String): void
 - Exfinciss print (text: String): void
                                                            icabstract >>
        ccabstract >>
                                                               Input
       command
                                                    -prompt : String
   - _ last: boolean
                                                     -- regex : String
   -- title: String
                                                    - clear : boolean
   #_ receiver : Receiver = null
                                                    #_value: Type
  #_validity Predicate: Validity Predicale (Receiver)=null
                                                     +prompt(): String
  #form: form
                                                     + set (value: Type): void
   #_display: Display
                                                     + value (): Type
                                                     teleares: void
   + LLFINCUSSHHIR(): String
                                                     #dirty(): void
    tisLast (); boolear
                                                     tcleared (): boolean
    tisvalid(): boolean
    +((final))perform_command():void
                                                    + (cabatract >> parse (in: String); bodean
    +<<abstract>> execute (): void
                                                    + regex (): String
                 Form
  - Lui: Dialog
 - _ +itle: String
 - Lentries: List (Input (?>> = new Array List (Input (?>> ()
```

+title (): String

+entresc): (ollection (Input(?))

+entry(i:int): Input(?)

+add (in: Input(*T)):(T>Input(T>

+add (in: Input(*T)):(T>Input(*String)): Input(*Boolean)

+odd Soolean Input(*Iabel: String): Input(*String)

+odd String Input(*Iabel: String): Input(*String)

+odd FloutInput(*Iabel: String): Input(*Flout)

+odd Integer Input(*Iabel: String): Input(*Integer)

+ parse(): void

+ parse(*Clear: boolean): void

+ clear(): vaid

Interactionus ng Text

Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projecto.

Mara Gomes Alves

Declaro por minha honra que este diagrama loi realizado aperas pelos elementos que constituem o grupo de projecto.

Margarida Rodrigues