Martim Santos, 95638 e João Basoro 95604 - Grupo 127

InputNone

InputBoolean
«bind»
Type→Boolean

InputFloat
«bind»
Type→Float

Input
«abstract»: Type : Class

- prompt : String
- regex : String
- clear : boolean
- value : Type

+ prompt() : String
+ set(value : Type) : void
+ value() : Type
+ clear() : void
# dirty() : void
+ cleared() : boolean
+ «abstract» parse(in : String) : boolean
+ regex() : String

InputString
«bind»
Type→String

InputInteger
«bind»
Type→Integer

Form
#-form

SwingPanel

InteractionUsingSwing

Interaction
1
-subsystem

InteractionUsingText

Dialog
-ui   1
1
-ui

Menu
«menus»

Display
-ui
#-display
: Receiver : Class

Command
#-validityPredicate
Receiver : Class
-commands

ValidityPredicate

DialogException

Display

- title : String = ""
- text : String = ""
+ add (text: String) : Display
+ addLine (text: String) : Display
+ addNewLine (text: Display, force: boolean) : Display
+ display (force : boolean) : ~~Display~~ void
+ display () : void
+ POPUP (toPop : Object) : void

Menu

- title : String
+ title () : String
+ size () : int
+ entry (n: int) : Command<?>
~ entries () : Command<?>
+ open () : void

<<Interface>> Interaction

+ menu (menu: Menu) : void
+ form (form: Form) : void
+ message (display: Display) : void
+ setTitle (title: String) : void
+ close () : void

Interaction Using Text

- in : BufferedReader = new BufferedReader (new InputStreamReader (System.in))
- out : PrintStream = System.out
- log : PrintStream = null
- writeInput : boolean
+ closeDown () : void
- <<final>> readInteger (prompt : String) : int
- <<final>> printLn (text : String) : void
- <<final>> readString (prompt: String) : String
- <<final>> print (text : String) : void

«abstract» : Receiver : Class:

Command

- - last : boolean
- - title : String
- # - Receiver : Receiver = null

- + «final» title () : String
- + isLast () : boolean
- + isValid () : boolean
- + «final» perform_command : void
- + «abstract» execute () : void

Dialog

- + IO : Dialog = new Dialog ()

- + setTitle (title : String) : void
- + menu (menu : Menu) : void
- + form (form : Form) : void
- + message (d : Display) : void
- + close () : void

form

- - title : String
- - entries : List<Input<?>> = new ArrayList<Input<?>>()

- + title () : String
- + entries () : Collection<Input<?>>
- + entry (i : int) : Input<?>
- + add (in : Input<T>) : <T> Input<T>
- + addBooleanInput (label : String) : Input<Boolean>
- + addStringInput (label : String) : Input<String>
- + addFloatInput (label : String) : Input<Float>
- + addIntegerInput (label : String) : Input<Integer>
- + parse () : void
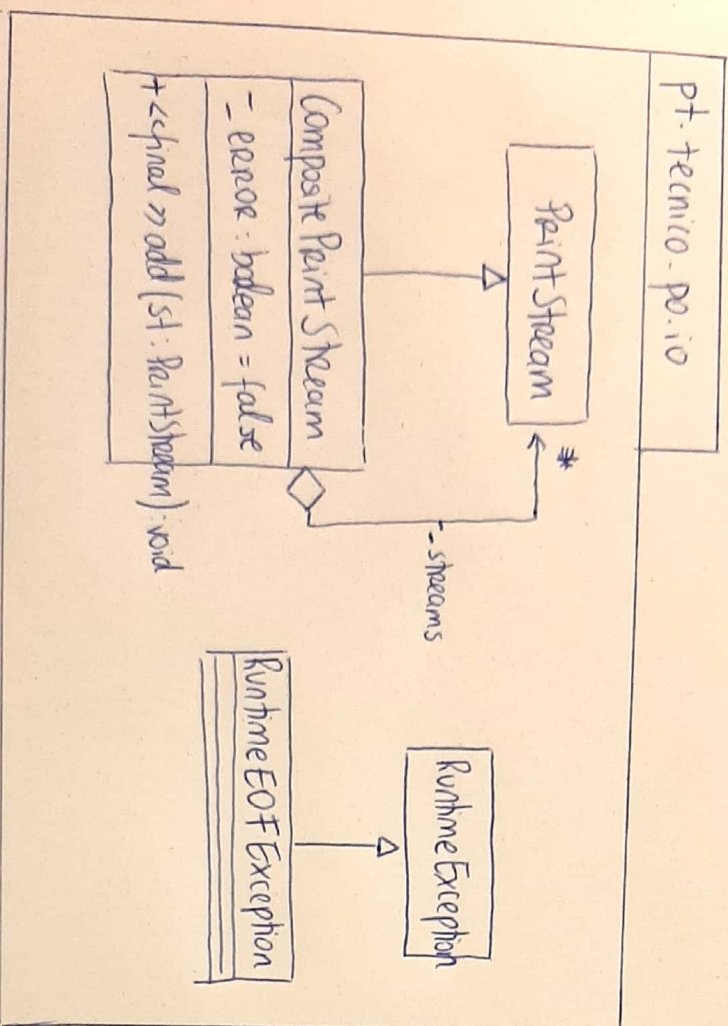- + parse (clear : boolean) : void
- + clear () : void

DialogException

- «abstract»

- «abstract» getMessage() : String

InterAction Using Swing

- message (s : String , title : String) : void

Pt.tecnico.po.io

PrintStream

Composite PrintStream
- error : boolean = false
- <<final>> add (st : PrintStream) : void

— streams *

RuntimeException

RuntimeEOFException

Swing Panel

- _opt : int
- _end : boolean
- _ins : Map< Input<?> , JTextField >
- <<final>> _lock : Object = new Object ()
- <<synchronized>> sleep (n : int) : void
- <<synchronized>> await () : void
- option () : int
- parse () : boolean

- Martim Santos , 95638
  Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo do projeto.

  Martim Santos

- João Bajorro , 95604
  Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo do projeto.