

Receiver: class

<<abstract>> Command

- _last : boolean
- _title : String
- # _receiver : Receiver = null
- + <<final>> perform-command() : void
- + <<abstract>> execute() : void

Dialog

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

<<interface>> Interaction

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

Menu

- _title : String
- + size () : int
- + entry (n : int) : Command<?>
- entries () : Command<?>[]
- + open () : void

<<abstract>> Validity Predicate

- # _receiver : Receiver
- + <<abstract>> isValid () : boolean

Display

- _title : String
- _text : String
- + add (text : String) : Display
- + addLine (text : String) : Display
- + addNewLine (text : String, force : boolean) : Display
- + display (force : boolean) : void
- + display () : void
- + popup (toPop : Object) : void

Form

- _title : String
- + entries () : Collection<Input<?>>
- + entry (i : int) : Input<?>
- + add (in : Input<T>) { <T> : Input<T>
- + add Boolean Input (label : String) : Input<Boolean>
- + add String Input (label : String) : Input<String>
- + add Float Input (label : String) : Input<Float>
- + add Integer Input (label : String) : Input<Integer>
- + parse () : void
- + parse (clear : boolean) : void
- + clear () : void

Interaction Using Text

- _in : Buffered Reader
- _out : PrintStream
- _log : PrintStream
- _write Input : boolean
- + closeDown () : void
- + menu (m : Menu) : void
- + form (form : Form) : void
- + message (display : Display) : void
- + setTitle (title : String) : void
- + close () : void
- <<final>> read Integer (prompt : String) : int
- <<final>> read String (prompt : String) : String
- <<final>> println (text : String) : void
- <<final>> print (text : String) : void

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Interaction Using Swing
- serial Version UID: long = 201608231515L
+ close(): void
+ menu(m: Menu): void
+ form(f: Form): void
+ message(d: Display): void
+ message(s: String, title: String): void

Swing final
- serial Version UID: long = 201608231505L
- opt: int
- end: boolean
- ins: Map<Input<?>, JTextField>
- <<final>> lock: Object
+ actionPerformed(e: ActionEvent): void
- <<synchronized>> sleep(n: int): void
- <<synchronized>> await(): void
- option(): int
- parse(): boolean

<<abstract>> Input
- prompt: String
- regex: String
- clear: boolean
#_value: Type
+ <<abstract>> parse(in: String): boolean
+ toString(): String

Input Float
+ parse(in: String): boolean

Input Boolean
+ parse(in: String): boolean
+ toString(): String

Input Integer
+ parse(in: String): boolean

Input String
+ parse(in: String): boolean

Input None
+ parse(in: String): boolean

<<abstract>> Dialog Exception
serial Version UID: long = 200610291601L
+ <<abstract>> getMessage(): String
+ <<final>> toString(): String

<<final>> Constants

<<final>> Error Messages

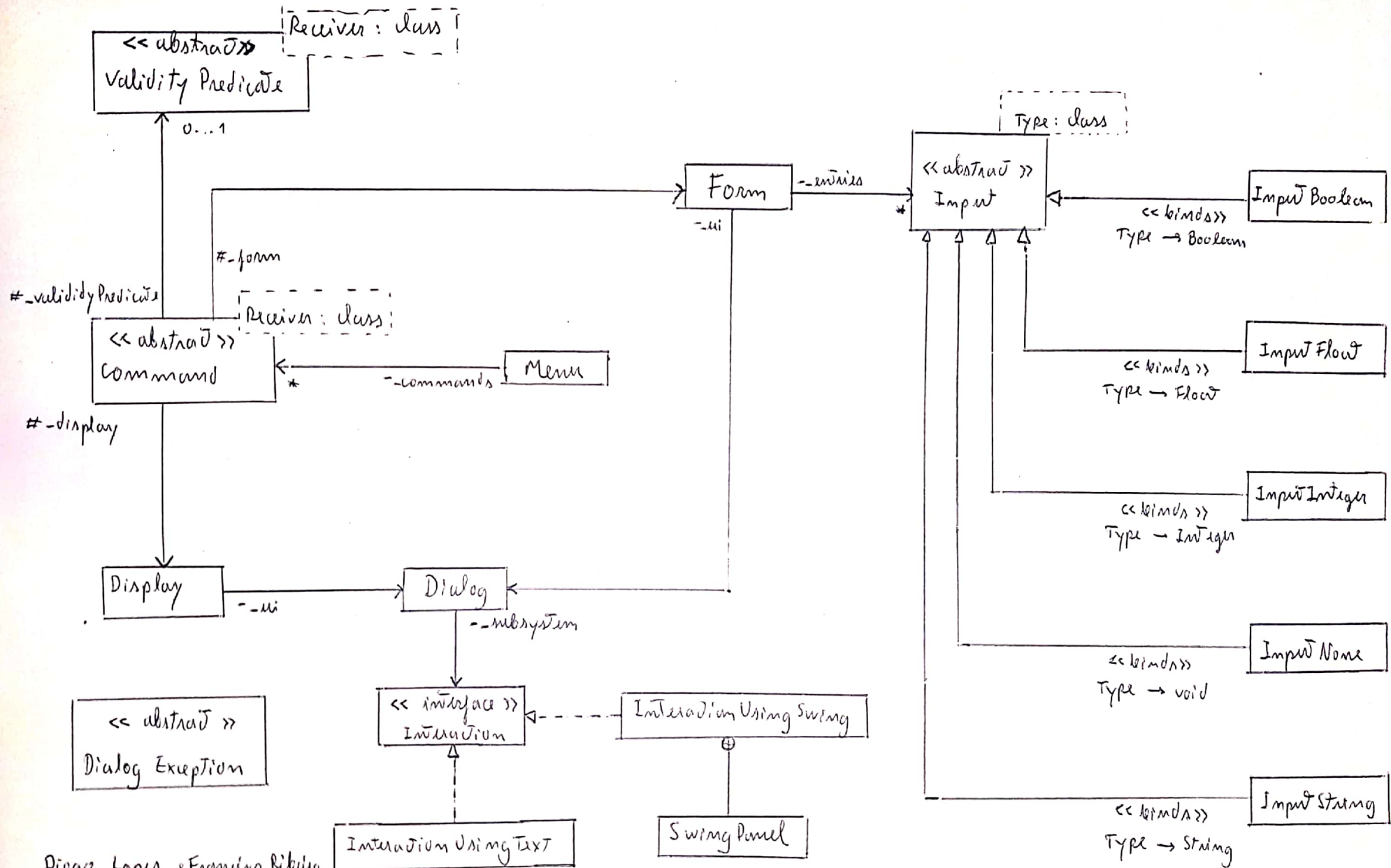
<<final>> Messages

<<final>> Property Names

RunTime EOFException
serialVersionUID = long = 200610297655L
RunTime EOFException

Composite PrintStream
- streams : Collection < PrintStream >
- error : boolean = false
+ add(^{optional} st : PrintStream) : void
+ checkError() : boolean
+ close() : void
+ flush() : void
+ print(b : boolean) : void
+ print(c : char) : void
+ print(c : char[]) : void
+ print(d : double) : void
+ print(f : float) : void
+ print(i : int) : void
+ print(l : long) : void
+ print(obj : Object) : void
+ print(s : String) : void
+ println(b : boolean) : void
+ println(c : char) : void
+ println(c : char[]) : void
+ println(d : double) : void
+ println(f : float) : void
+ println(i : int) : void
+ println(l : long) : void
+ println(obj : Object) : void
+ println(s : String) : void
+ write(buf : byte[], off : int, len : int) : void
+ write(b : int) : void
+ write(b : byte[]) : void

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Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo do projeto. Rodrigo Lepus

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