Exception

Runtime Exception

pt. tecnico. uilib. menus

Command Exception

«throws»

Auto Closeable

pt. tecnico. uilib

pt. tecnico uilib. form

Form Exception

«throws»

DoOzen Menu

«bind»
Receiver → Menu

Receiver

Command

#_display

— form

Dialog

—ui

Díalog

-UI

—ui

—ui

Form

—field

Type

Field

*

— Commands

Menu

— ui

— backend

InteractionDriver

pt. tecnico. uilib. text

Runtime EOF Exception

«throws»

Text Interactions

—in

Buffered Readers

—out, —log

Composite Print Stream

—streams

Print Stream

«bind»
Type → Boolean — **Field Boolean**

«bind»
Type → String — **Field Option**

«bind»
Type → Integer — **Field Integer**

«bind»
Type → Double — **Field Real**

«bind»
Type → String — **Field String**

«bind»
Type → void — **Field None**

Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto (apenas eu). André Coble

Dialog

- << final >> ACTION_CHANNEL : String = "ui"
- << final >> CHANNEL_SWING : String = "swing"
- << final >> CHANNEL_NEW_SWING : String = "newswing"
- << final >> CHANNEL_TEXT : String = "text"
+ UI : Dialog
- _ backend : InteractionDriver

+ open (menu : Menu) : void
+ fill (form : Form) : void
+ render (title : String, text : String) : void
+ close () : void

Display

- _ui : Dialog
- _title : String = ""
- _text : StringBuilder

+ add (toAdd : Object) : Display
+ addAll (items : Collection<?>) : Display
+ addLine (toAdd : Object) : Display
+ addNewLine (toAdd : Object, force : boolean) : Display
+ << final >> display () : void
+ << final >> displayText () : void
+ popup (toPop : Collection<?>) : void
+ clear () : void
+ popup (toPop : Object) : void

<< interface >>
InteractionDriver

+ open (menu : Menu) : void
+ fill (form : Form) : void
+ render (title : String, text : String) : void
+ close () : void

«abstract»
Command

- _last : boolean
- _title : String
«final» _receiver : Receiver
_valid : Predicate <Receiver>
- «final» _form : Form
«final» _display : Display

+ isValid() : boolean
+ addBoolean Field (Key : String, Prompt : String) : void
+ addReal Field (Key : String, Prompt : String) : void
+ add Integer Field (Key : String, Prompt : String) : void
+ add String Field (Key : String, Prompt : String) : void
+ add Option Field (Key : String, Prompt : String, options : String[]) : void
+ boolean Field (Key : String) : boolean
+ real Field (Key : String) : Double
+ integer Field (Key : String) : Integer
+ string Field (Key : String) : String
+ option Field (Key : String) : String
+ «final» perform Command() : void
# «abstract» execute() : void

Menu

- _ui : Dialog
- _title : String
- _commands : Command <?>[]
+ size() : int
+ entry (n : int) : Command <?>
+ open() : Void

«interface»
Message

operation Failed (error : String) : String

DoOpen Menu

«final» execute () : void

Command Exception

- «final» void Version UID : long = 2020705
08 39 L

Form

- - ui : Dialog
- - title : String
- - fields : Map < String. Field < ? >>

- + entries () : Collection < Field < ? >>
- + field (key : String ~~key~~) : Field < ? >
- - add (key : String , im : Field < ? >) : void
- + add Boolean Field (key : String, label : String) : void
- + add String Field (key : String, label : String) : void
- + add Real Field (key : String, label : String) : void
- + add Integer Field (key : String, label : String) : void
- + add Option Field (key : String, label : String, options : String[]) : void
- # - get (key : String, type : String) : Object
- + boolean Field (key : String) : Boolean
- + string Field (key : String) : String
- + option Field (key : String) : String
- + real Field (key : String) : Double
- + integer Field (key : String) : Integer
- + parse () : Form
- + parse (clear : boolean) : Form
- + clear () : void
- + confirm (prompt : String) : Boolean
- + request Integer (prompt : String) : Integer
- + request Real (prompt : String) : Double
- + request String (prompt : String) : String
- + request Option(prompt : String, options : String []) : String

<> Field

- - prompt : String
- - clean : boolean
- # - value : Type

- + set (value : Type) : void
- + clear () : void
- # dirty () : void
- + is ReadOnly () : Boolean
- + <> parse (in : String) : Boolean

Field Boolean

- - <<final>> BOOLEAN_WORD_YES : String = "sim"
- - <<final>> BOOLEAN_WORD_NO : String = "nao"
- - <<final>> BOOLEAN_CHAR_YES : Char = "z"
- - <<final>> BOOLEAN_CHAR_NO : Char = "n"

- + parse (in : String) : Boolean

Form Exception

- <<final>> void Version UID : long = 202070272736L

<<interface>> Message

- key Already Exists (form : String , key : String) : String
- ~ form Not Field (form : String) : String
- ~ Key Not Found (form : String , key : String) : String
- ~ type Mismatch (form : String, key : String, actualType : String, requestedType : String) : Sh...

Field Option

- - options : String []
- + parse (in : String) : Boolean

Field Integer

- + parse (in : String) : Boolean

Field Real

- + parse (in : String) : Boolean

Field String

- + parse (in : String) : Boolean

Field None

- + parse (in : String) : Boolean
- + is ReadOnly () : Boolean

Text Interaction

- _in : Buffered Reader
- _out : PrintStream
- _log : PrintStream
- _verify Input : Boolean

+ close () : void
+ open (screen : Menu) : void
+ fill (form : Form) : void
+ reader (title : String, text : String) : void
+ read String (prompt : String) : String
+ read Integer (prompt : String) : Integer

Composite PrintStream

- _stream : Collection <PrintStream>
- _error : Boolean = false

~~strikethrough~~
~~strikethrough~~
~~strikethrough~~

~ << final >> add (ps : PrintStream) void

Exceptions and Interfaces have been omitted for being irrelevant to the diagram (repetitive and doesn't add functionality).