

pt. tecnico. uilib

Display

- _ui: Dialog
- _title: String
- _text: String Builder

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

Dialog

- ACTION_CHANNEL: String
- CHANNEL_SWING: String
- CHANNEL_NEW_SWING: String
- CHANNEL_TEXT: String
- + UI: Dialog
- _backend: InteractionDriver

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

<< interface >> InteractionDriver

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

<<abstract>>

Field

- _prompt : String
- _clear : boolean
- # _value : Type
- + prompt() : String
- + set(value : Type) : void
- + value() : Type
- + clear() : void
- # dirty() : void
- + cleaned() : boolean
- + is Read Only() : boolean
- + <<abstract>> pause(in : String) : boolean

Field Integer

Field Real

Field None

Field Boolean

- BOOLEAN_WORD_YES : String
- BOOLEAN_WORD_NO : String
- BOOLEAN_CHAR_YES : String
- BOOLEAN_CHAR_NO : String

Form Exception

<<interface>> Messages

- + Key Already Exists (form : String, key : String) : String
- + Key Not Found (form : String, key : String) : String
- + type Mismatch (form : String, key : String, actual Type : String, requested Type : String) : String

Form

- _ui : Dialog
- _title : String
- _fields : Map <String, Field <?>>
- add(key: String, m: Field <?>): void
- + title(): String
- + entries(): Collection <Field <?>>
- + field(key: String): Field <?>
- + 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
- * - get(key: String, type: String): Object
- + boolean Field(key: String): Boolean
- + String Field(key: String): String
- + real Field(key: String): ~~Real~~ Double
- + integer Field(key: String): Integer
- + parse(): Form
- + parse(clean: ~~boolean~~ boolean): Form
- + clean(): void
- + confirm~~(?)~~: (prompt: String): Boolean
- + request Integer(prompt: String): Integer
- + request Real(prompt: String): Double
- + request String(prompt: String): String

<< interface >> Message

- + invalid Operation (error: String): String
- + invalid Options (): String
- + error EOF (e: EOF Exception): String
- + error IO (ioe: IO Exception): String
- + error Invalid Number (e: Number Format Exception): String
- + error R EOF (e: Runtime EOF Exception): String
- + input Error (e: File Not Found Exception): String
- + error Closing Input (e: IO Exception): String
- + end of Input (): String
- + output Error (e: File Not Found Exception): String
- + log Error (e: File Not Found Exception): String

Properties

<< interface >> Properties

<< interface >> Prompt

- + option(): String
- + emit(): String

RunTime EOF Exception

Print Stream

Composite Print Stream

- _streams: Collection < PrintStream >
- _error: boolean
- + add(ps: PrintStream): void

Text Interaction

- _in: Buffered Reader
- _out: PrintStream
- _log: PrintStream
- _write Input: boolean
- <<final>> readString(prompt: String): String
- <<final>> read Integer(prompt: String): int

<<abstract>>
Command

- last : boolean

- title : String

~~+ <<final>> performCommand~~

<<final>> - receiver : Receiver

- valid : Predicate <Receiver>

<<final>> - form : Form

<<final>> - display : Display

+ <<final>> title () : String

+ isLast () : boolean

+ isValid () : boolean

+ addBooleanField (key: String, prompt: String): void

+ addRealField (key: String, prompt: String): void

+ addIntegerField (key: String, prompt: String): void

+ addStringField (key: String, prompt: String): void

+ booleanField (key: String): Boolean

+ realField (key: String): Double

+ integerField (key: String): Integer

+ stringField (key: String): String

+ <<final>> performCommand (): void

+ <<abstract>> execute () : void

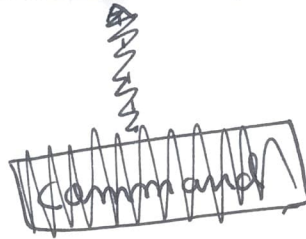
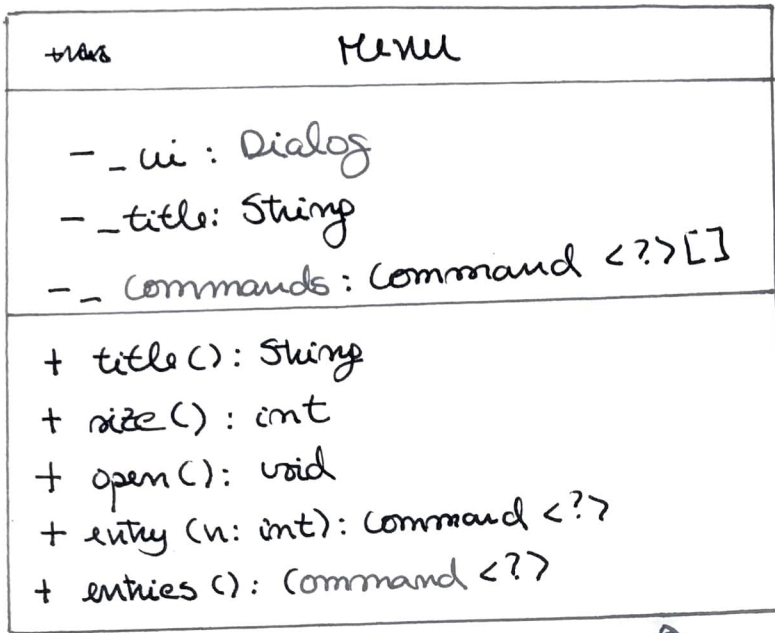
DoOpenMenu

Menu

<<interface>>
Message

+ operationFailed (error: String): String

CommandException



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Dedaro pe minha honra que este diploma foi
realizado apenas pelos elementos que constituem
o grupo de projeto.

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