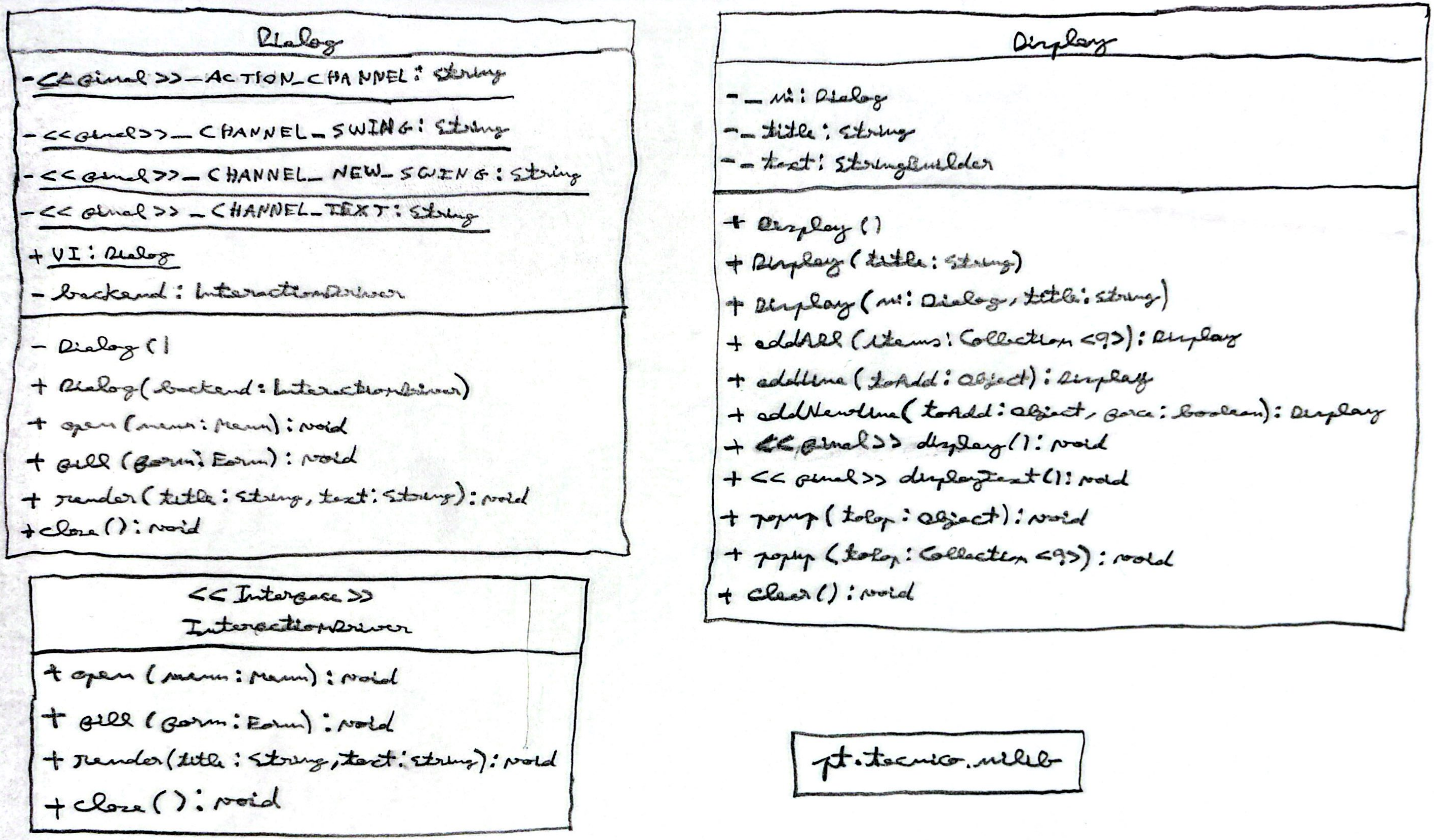
pt.tecnico.utils.forms
FieldBoolean
<<bind>>
Type→Boolean
FieldInteger
<<bind>>
Type→Integer
FieldNone
<<bind>>
Type→void
FieldOption
<<bind>>
Type→String
FieldReal
<<bind>>
Type→Double
FieldString
<<bind>>
Type→String
<<abstract>>
Field
Type:type
Exceptions
RuntimeExceptions
FormException
<<throws>>
<<interface>>
Message
Form
pt.tecnico.utils.menu
<<abstract>>
CommandException
<<throws>>
Receiver:class
<<abstract>>
Command
<<interface>>
Message
<<bind>>
Receiver→menu
<<bind>>
Receiver→menu
Menu
DoOpenMenu
<<interface>>
ActionListener
<<interface>>
AutoCloseable
pt.tecnico.utils
Dialog
<<interface>>
InteractionDriver
Display
pt.tecnico.utils.text
BufferedReader
RuntimeEOFexception
<<throws>>
TextInteraction
PrintStream
CompositePrintStream

Declaro pr minha honra que esse diagramme foi Realizado apenas pelos elementos que constituem o grupo do projeto. Tiago

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



Dialog

- <<final>> _ACTION_CHANNEL: String
- <<final>> _CHANNEL_SWING: String
- <<final>> _CHANNEL_NEW_SWING: String
- <<final>> _CHANNEL_TEXT: String

+ UI: Dialog
- backend: InteractionDriver

- Dialog()

+ 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

Display

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

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

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```
Field<Type>
- _prompt : String
- _clear : boolean
# _value : Type
+ Field()
+ Field(Prompt: String)
+ prompt(): String
+ set(value: Type): void
+ value(): Type
+ clear(): void
# dirty(): void
+ cleared(): boolean
+ isReadOnly(): boolean
+ parse(in: String): boolean <<abstract>>
+ toString(): String
```

```
FieldOption
- _options: String[]
+ FieldOption(prompt: String, options: String[])
+ parse(in: String): boolean
```

```
FieldReal
+ FieldReal(prompt: String)
+ parse(in: String): boolean
```

```
FieldString
+ FieldString(prompt: String)
+ parse(in: String): boolean
```

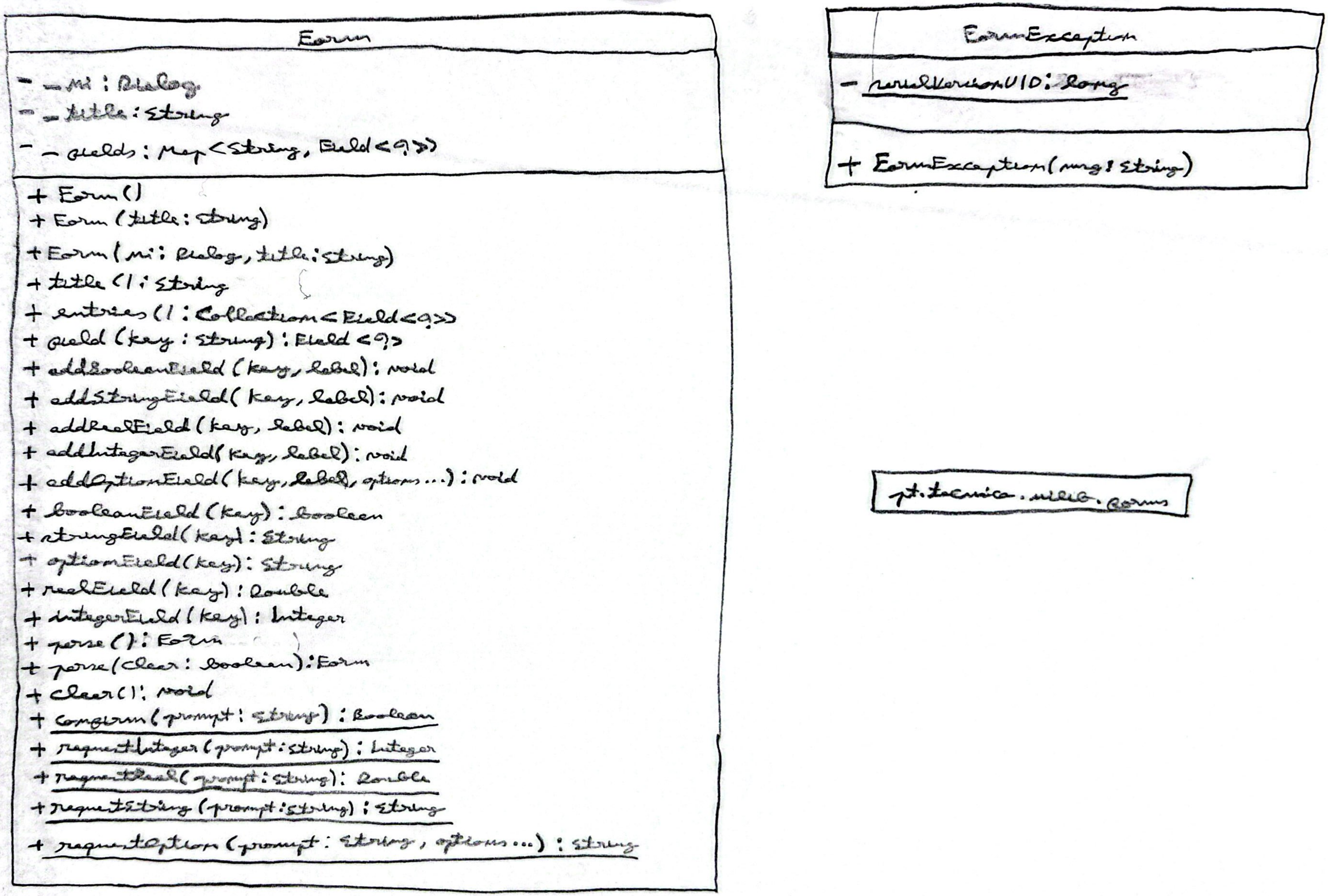
```
FieldBoolean
- <<final>> BOOLEAN_WORD_YES: String = "sim"
- <<final>> BOOLEAN_WORD_NO: String = "não"
- <<final>> BOOLEAN_CHAR_YES: Char = 's'
- <<final>> BOOLEAN_CHAR_NO: Char = 'n'
+ FieldBoolean(prompt: String)
+ parse(in: String): Boolean
+ toString(): String
```

```
FieldInteger
+ FieldInteger(prompt: String)
+ parse(in: String): boolean
```

```
FieldNone
+ FieldNone(prompt: String)
+ parse(in: String): boolean
+ isReadOnly(): boolean
```

```
<<Interface>>
Message
+ keyAlreadyExists(form: String, key: String): String
+ formNotFilled(form: String): String
+ keyNotFound(form: String, key: String): String
+ typeMismatch(form: String, key: String, actualType: String,
requestedType: String): String
```

```
pt.tecnico.uilib.forms
```



Form

- _ui : Dialog
- _title : String
- _fields : Map<String, Field<?>>

+ Form()
+ Form(title : String)
+ Form(ui : Dialog, title : String)
+ title() : String
+ entries() : Collection<Field<?>>
+ field(key : String) : Field<?>
+ addBooleanField(key, label) : void
+ addStringField(key, label) : void
+ addRealField(key, label) : void
+ addIntegerField(key, label) : void
+ addOptionField(key, label, options...) : void
+ booleanField(key) : boolean
+ stringField(key) : String
+ optionField(key) : String
+ realField(key) : Double
+ integerField(key) : Integer
+ parse() : Form
+ parse(clear : boolean) : Form
+ clear() : void
+ confirm(prompt : String) : Boolean
+ requestInteger(prompt : String) : Integer
+ requestReal(prompt : String) : Double
+ requestString(prompt : String) : String
+ requestOption(prompt : String, options...) : String

FormException

- serialVersionUID : long

+ FormException(msg : String)

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