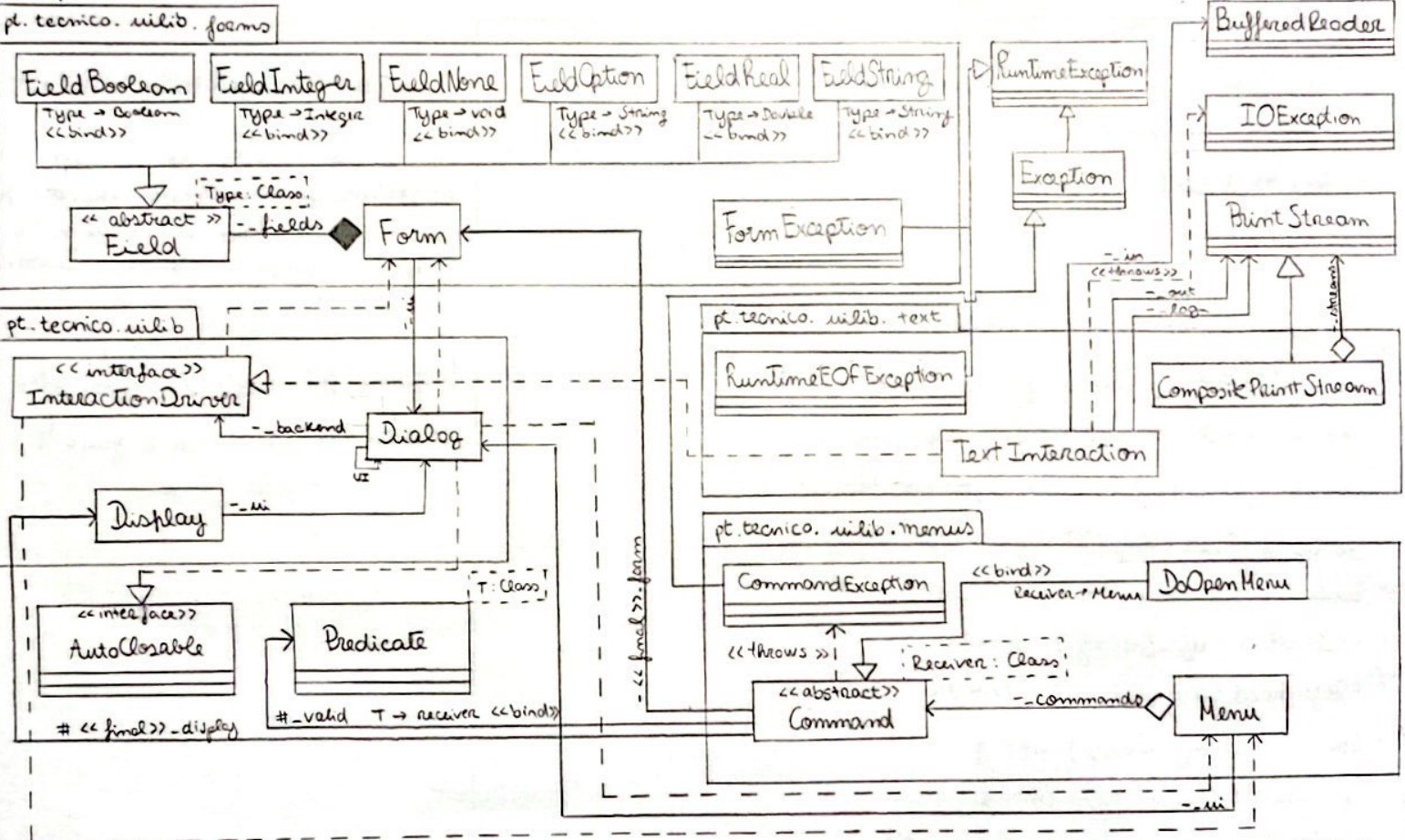


Grupo 052 : ist 1106992 e ist 1106221



Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto. Mariana Santana
Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto. João Lucas

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

Field Boolean
- <<final>> BOOLEAN_WORD_YES : String
- <<final>> BOOLEAN_WORD_NO : String
- <<final>> BOOLEAN_CHAR_YES : String
- <<final>> BOOLEAN_CHAR_NO : String
+ parse(in: String) : boolean

Field Integer
+ parse(in: String) : boolean

Field Real
+ parse(in: String) : boolean

Field Option
- _options : String[]
+ parse(in: String) : boolean

Field None
+ parse(in: String) : boolean

Field String
+ parse(in: String) : boolean

Do Open Menu
<<final>> execute() : void

Display
- _title : String
- _text : String-Builder
+ 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: Object) : void
+ popup(toPop: Collection<?>) : void
+ clear() : void

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

Dialog
- <<final>> ACTION_CHANNEL : String
- <<final>> CHANNEL_SWING : String
- <<final>> CHANNEL_NEW_SWING : String
- <<final>> CHANNEL_TEXT : String
+ open(menu: Menu) : void
+ fill(form: Form) : void
+ render(title: String, text: String) : void
+ close() : void

Text Interaction
- _writeInput : boolean
+ close() : void
+ open(menu: Menu) : void
+ fill(form: Form) : void
+ render(title: String, text: String) : void
- readString(prompt: String) : String
- readInteger(prompt: String) : int

Form

```

- _title : String
+ title() : String
+ entries() : Collection<Field<?>>
+ field(Key : String) : Field<?>
+ add(Key : String, in : Field<?>) : void
+ addBooleanField(Key : String, label : String) : void
+ addStringField(Key : String, label : String) : void
+ addRealField(Key : String, label : String) : void
+ addIntegerField(Key : String, label : String) : void
+ addOptionField(Key : String, label : String, options : String...) : void
- get(Key : String, type : String) : Object
+ booleanField(Key : String) : Boolean
+ stringField(Key : String) : String
+ optionField(Key : String) : String
+ realField(Key : String) : Double
+ integerField(Key : String) : 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...) : String
  
```

```

Composite PrintStream
- _error : boolean
n << final >> add(ps : PrintStream) : void
  
```

```

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

« abstract »
Command

Receiver: Class

- _last: boolean

- _title: String

« final » - receiver: Receiver

+ « 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

+ addOptionField(key: String, prompt: String, options: String...): void

+ booleanField(key: String): Boolean

+ realField(key: String): Double

+ integerField(key: String): Integer

+ stringField(key: String): String

+ optionField(key: String): String

+ « final » performCommand(): void

« abstract » execute(): void

Grupo 052: ist 1106992 e ist 110622

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