

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

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Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto. Herayle Costa, 105898

Grupo 060

```

«Integer»
InteractionDriver
+open(menu:Menu):Void
+fill(form:Form):Void
+render(title:String, text:String)
+close():Void

```

```

CompositePrintStream
- error: boolean
~«final» add(ps:PrintStream):
Void
DoOpenMenu
#«final» execute():Void

```

```

TextInteraction
- 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

```

```

Menu
- title:String
+title():String
+size():int
+entry(n:int):Command<?>
+entries():Command<?>[]
+open():Void

```

```

Display
- title:String
- text:StringBuilder
+add(toAdd:Object):Display
+addAll(items:Collection<?>):Display
+addLine(toAdd:Object):Display
+addNewLine(toAdd:Object, force:boolean):Display
+display():Void
+displayText():Void
+popup(toPop:Object):Void
+popup(toPop:Collection<?>):Void
+clear():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)
+close():Void

```

```

FieldReal
+parse(in:String):boolean

```

```

FieldString
+parse(in:String):boolean

```

```

FieldInteger
+parse(in:String):boolean

```

```

FieldNone
+parse(in:String):boolean

```

```

FieldOption
- options:String[]
+parse(in:String):boolean

```

```

«abstract» Receiver: class
Command
- 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
+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

```

```

«abstract» Type: class
Field
- 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

```

```

FieldBoolean
-«final» BOOLEAN_WORD_YES:String
-«final» BOOLEAN_WORD_NO:String
-«final» BOOLEAN_CHAR_YES:String
-«final» BOOLEAN_CHAR_NO:String
+parse(in:String):boolean

```


Form

- title: String

+ title(): String

+ entries(): Collection<Field<?>>

+ field(key: String): Field<?>

- add(key: String, label: String): 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): ~~String~~ Boolean

+ stringField(key: String): String

+ optionField(key: String): String

+ realField(key: String): Double

+ integerField(key: String): Integer

+ parse(): Form

+ parse(clean: boolean): Form

+ clean()

+ confirm(prompt: String): Boolean

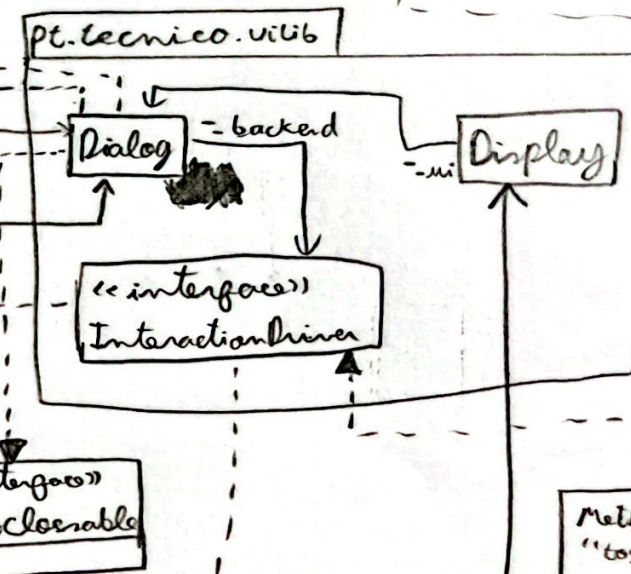
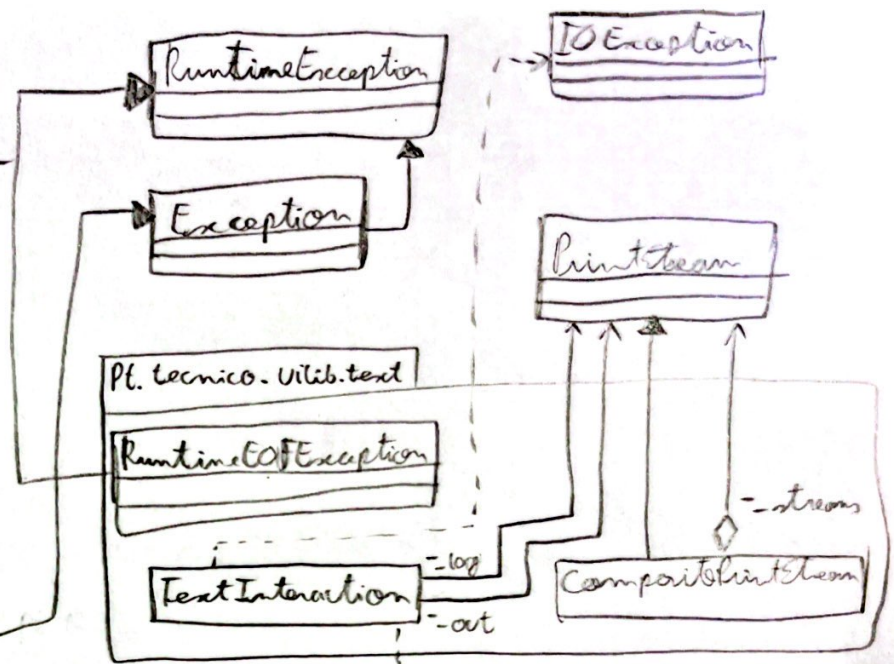
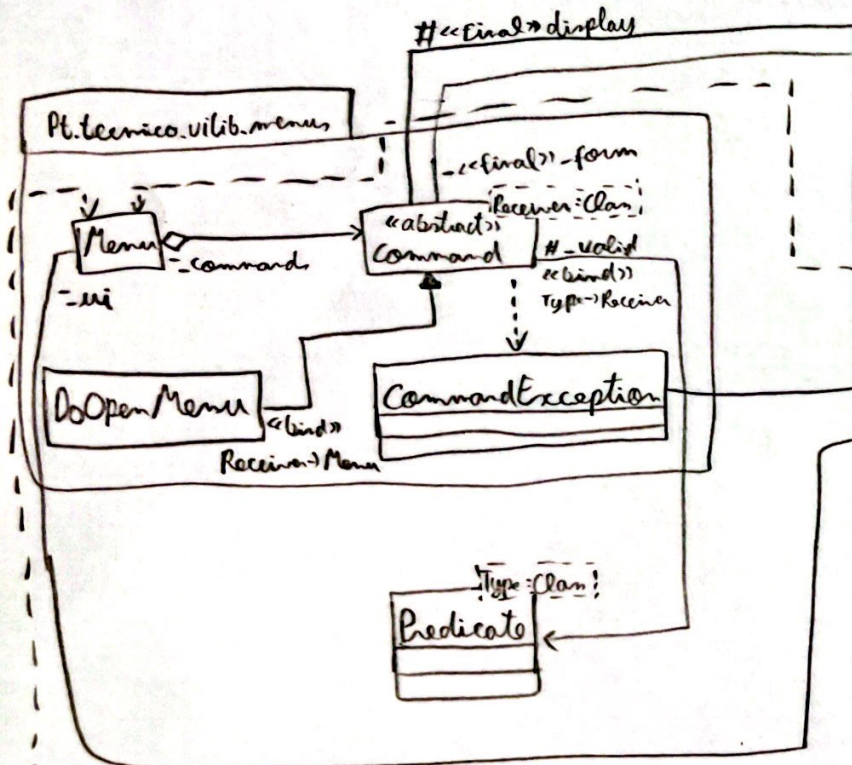
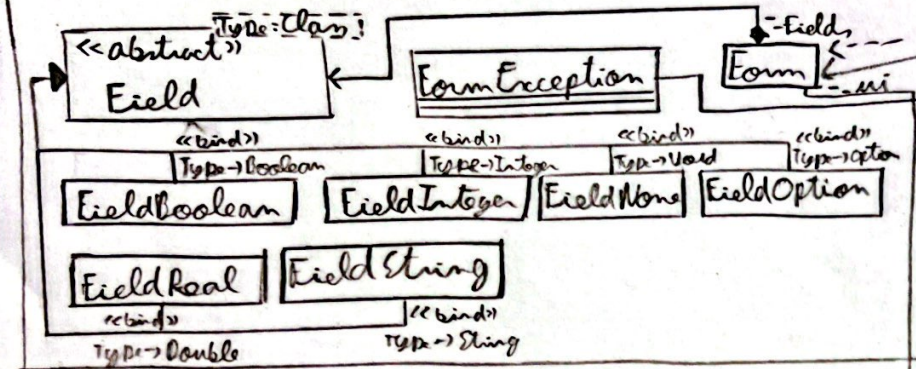
+ requestInteger(prompt: String): Integer

+ requestReal(prompt: String): Double

+ requestString(prompt: String): String

+ requestOption(prompt: String, option: String...): String

Pt. tecnico. milib. forms



Method "equals" and "toString" omitted