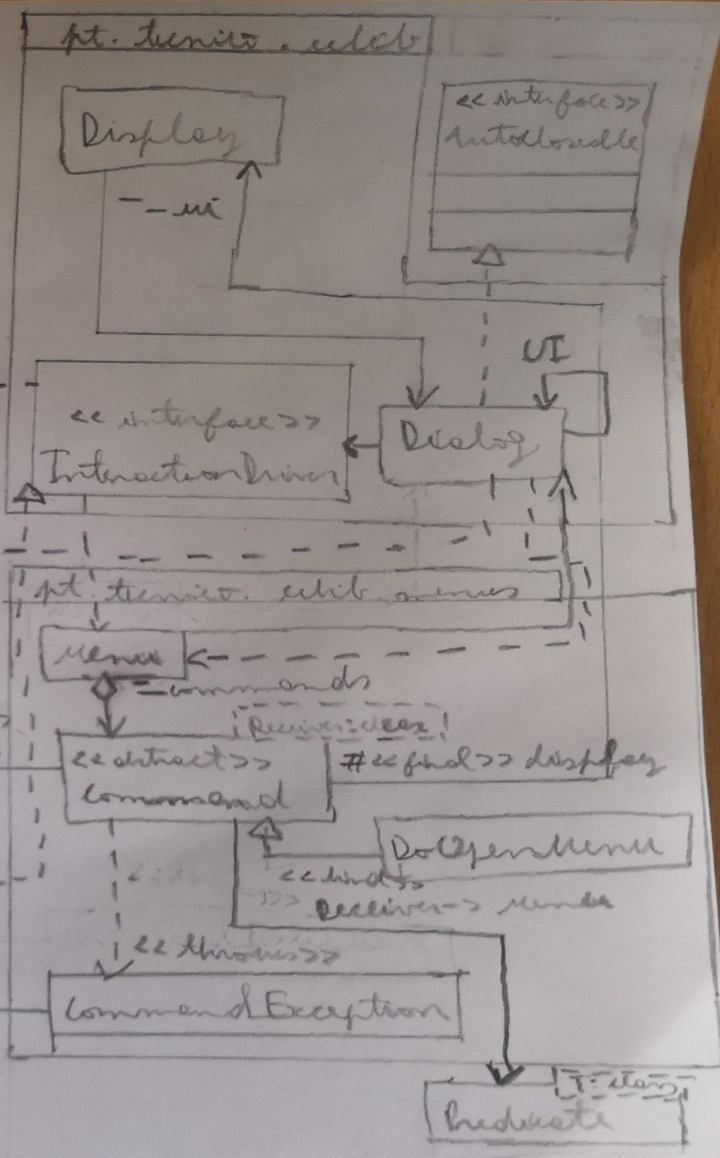
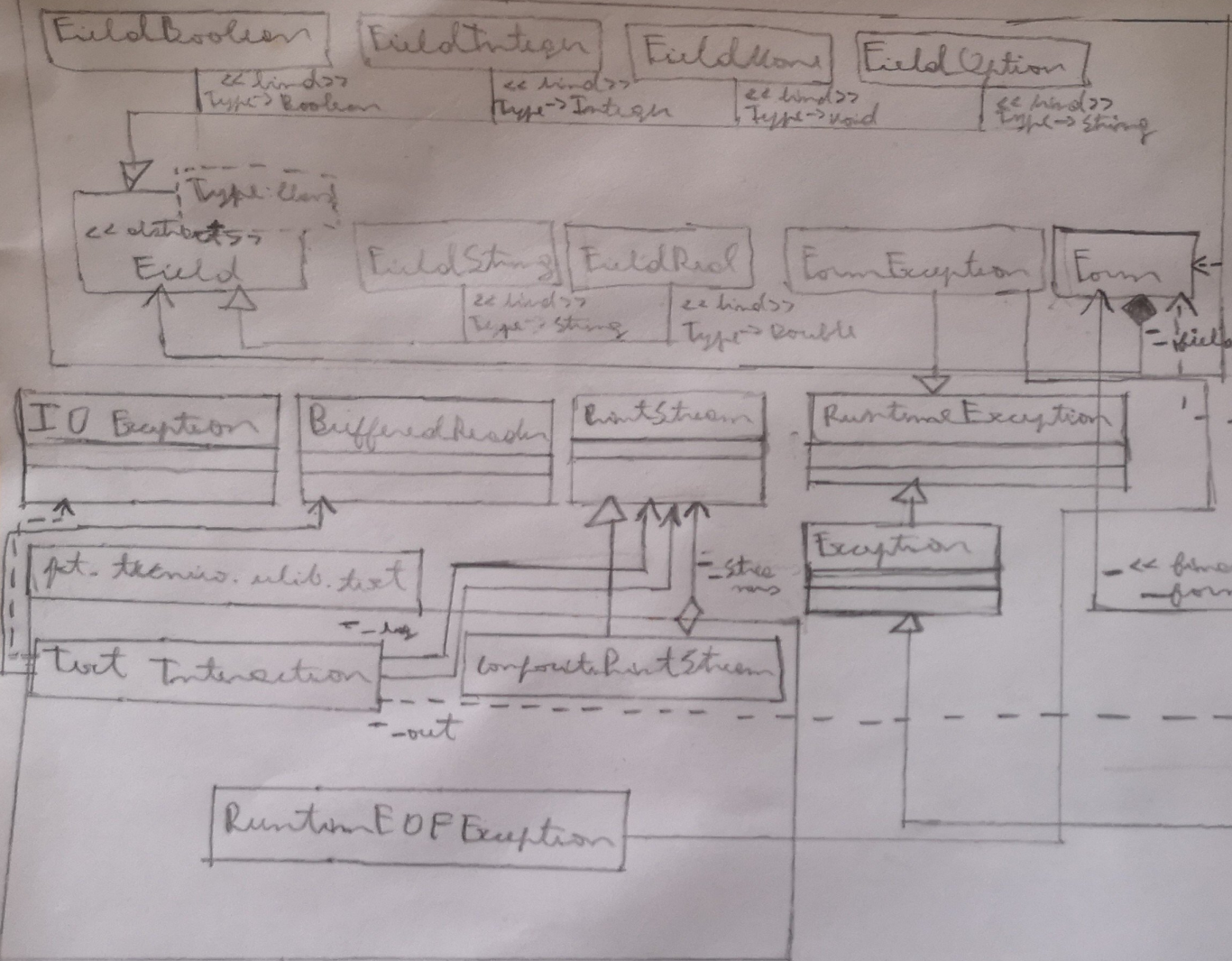


pt. ternio. util. forms



Methods "equals" and "toString" have been omitted since they are inherited from `Object`. `getter`, and `setter` have also been omitted. `clone`, `manage`, `prompt` and `properties` have been omitted as well, since they are only specific to the implementation of the project.

<< abstract >>
 Field

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

+ prompt(): String
 + ret(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: char
 - << final >> BOOLEAN-CHAR-NO: char

+ parse(in: String): boolean

Field Option

+ parse(in: String): boolean

Field Real

+ parse(in: String): boolean

Field Integer

+ parse(in: String): boolean

Field None

+ parse(in: String): boolean

Field String

+ parse(in: String): boolean

Form Exception

<< final >> serialVersionUID
 serialVersionUID: long

Form

- title: String

+ title(): String
 + entries(): Collection<Field>
 <Field z?>>
 + field(Key: String): Field z?
 - add(Key: String, in: Field z?): 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

Menu

- title: String

+ title(): String
 + size(): int
 + entry(in: int): Command z?>
 + entries(): Command z?>[]
 + open(): void


```

Command
- -last: boolean
- -title: String
# -receiver: Receiver

+ title(): String
+ isTest(): boolean
+ isValid(): boolean
+ addBooleanField(key: String, prompt: String): void
+ addIntegerField(key: String, prompt: String): void
+ addStringField(key: String, prompt: String): void
+ addOptionField(key: String, prompt: String): void
+ booleanField(key: String): Boolean
+ numField(key: String): Double
+ integerField(key: String): Integer
+ stringField(key: String): String
+ optionField(key: String): String
+ <<final>> performCommand(): void
+ <<abstract>> execute(): void

```

```

ComparablePrintStream
- -error: boolean

~<<final>>
add(fs: PrintStream)

RunnableEOFException
~<<final>> run() throws
IOException: long

```

```

<<interface>>
InteractionDriver

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

```

```

TestInteraction
- -writeInput: boolean

+ close(): void
+ open(menu: Menu): void
+ fill(form: Form): void
+ render(title: String,
text: String): void
- <<final>> readString
(prompt: String): String
- <<final>> readInteger
(prompt: String): int

```

```

Display
- -title: String
- -text: String Builder

+ add(toAdd: Object): Display
+ addTitle(item: Collection<?>): Display
+ addLine(toAdd: Object): Display
+ addLineLine(toAdd: Object,
force: boolean)
+ display(): void
+ popup(title: Object): void
+ popup(title: Collection<?>):
void
+ clear(): void

```

```

CommandException
- <<final>> run() throws
IOException:
long

```

```

Dependency
# <<final>>
execute(): void

```

```

Dialog
- <<final>> ACTION = CHA
NNEI: 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

```

Declarações para minha banca
que este diagrama foi
realizado apenas pelos
elementos que constam o
grupo do projeto. Pedro Almeida!