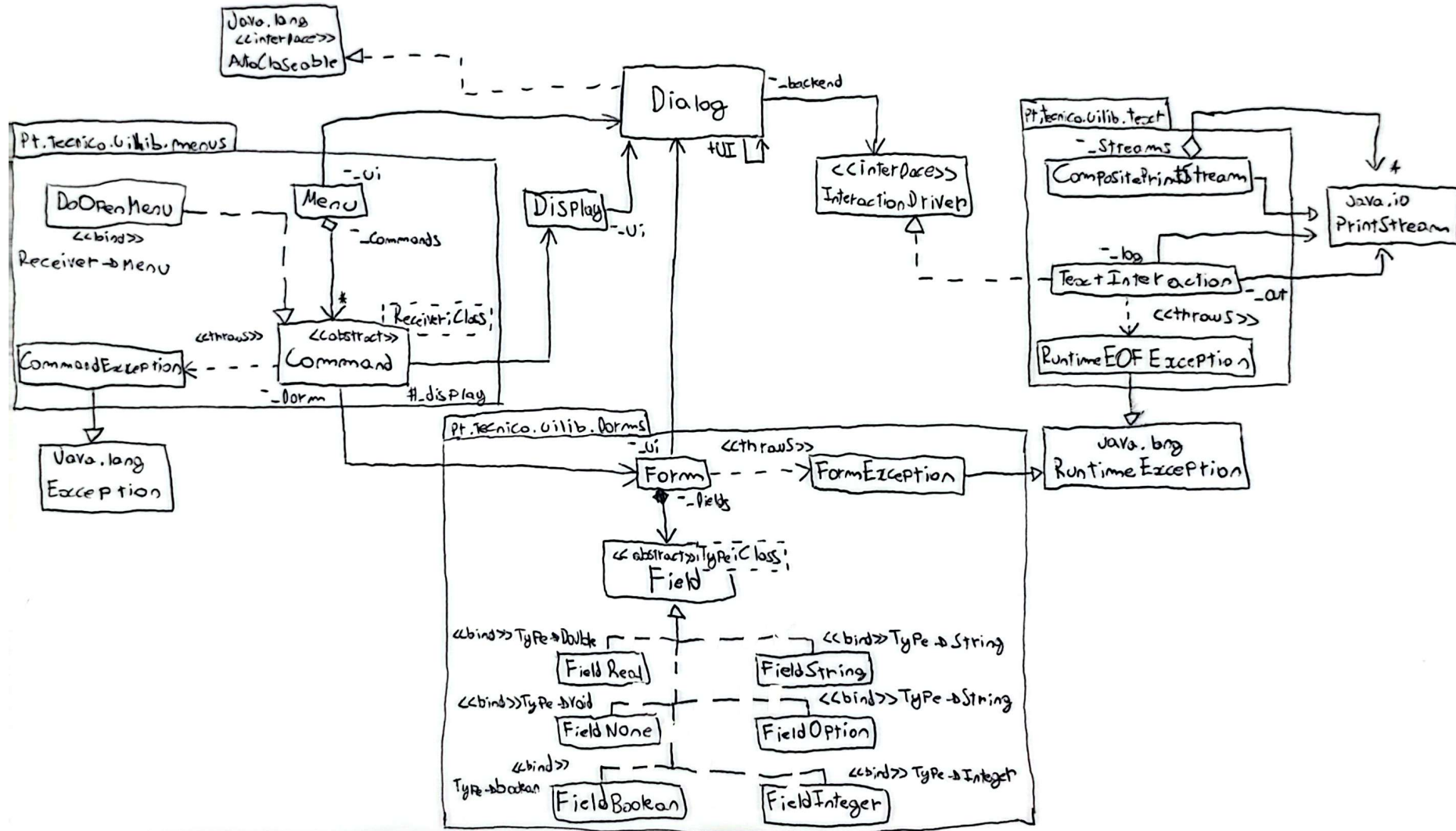


Declaro, por minha conta que este diagrama foi realizado apenas pelos elementos que constituem o grupo de Projeto André Sá

Pt.technico.Utilib



<<abstract>> Field Class

Field

- Prompt: String  
- Clear: boolean  
# Value: Type

+ Prompt(): String  
+ Set(Value: Type): Void  
+ Value(): Type  
+ Clear(): Void  
# dirty(): Void  
+ Clear(): boolean  
+ isReadOnly(): boolean  
+ <<abstract>> Parse(String): boolean

Field Boolean

- <<final>> BOOLEAN\_WORD\_YES: String  
- <<final>> BOOLEAN\_WORD\_NO: String  
- <<final>> BOOLEAN\_CHAR\_YES: char  
- <<final>> BOOLEAN\_CHAR\_NO: char

Field Integer

Field Long

+ isReadOnly(): boolean

Field Option

- options: String[]

Field Real

Field String

Composite Print Stream

- Streams: Collection<PrintStream>  
- error: boolean  
~ <<final>> add(PrintStream): void

Test Interaction

- inBufferedReader  
- out: PrintStream  
- bg: PrintStream  
- writeInput: boolean

- readString(prompt: String): String  
- readInteger(prompt: String): int

Runtime EOF Exception

~ <<final>> serialVersionUID: long

<<interface>>

InteractionDriver

OpenMenu(Menu): void  
fill(prompt: Form): void  
render(html: String, text: String): void  
close(): void

Form

- u: Dialog  
- title: String  
- fields: Map<String, Field<?>>

+ 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  
+ canPrint(prompt: String): boolean  
+ requestInteger(prompt: String): Integer  
+ requestReal(prompt: String): double  
+ requestString(prompt: String): String  
+ requestOption(prompt: String, options: String[]): String

Form Exception

~ <<final>> serialVersionUID: long

Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de Projeto André Sá

Receiver: class

Receiver: class  
Command

```
- last: boolean
- title: String
# << final >> - receiver: Receiver
# - valid: Predicate<Receiver>
- << final >> - form: Form
# - << final >> << final >> - display: Display
```

```
+ << final >> title(): String
+ isLost(): 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
```

<< abstract >>  
CommandException  
- << final >> serialVersionUID: long

OpenMenu

Menu

```
- ui: Dialog
- title: String
- commands: Command<?>[]
+ title(): String
+ size(): int
+ entry(int): Command<?>
+ entries(): Command<?>[]
+ open(): void
```

Dialog

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

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
+ << final >> display(): void
+ << final >> displayText(): void
+ POPUP(toPop: Object): void
+ POPUP(toPop, Collection<?>): void
+ clear(): void
```

Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo André