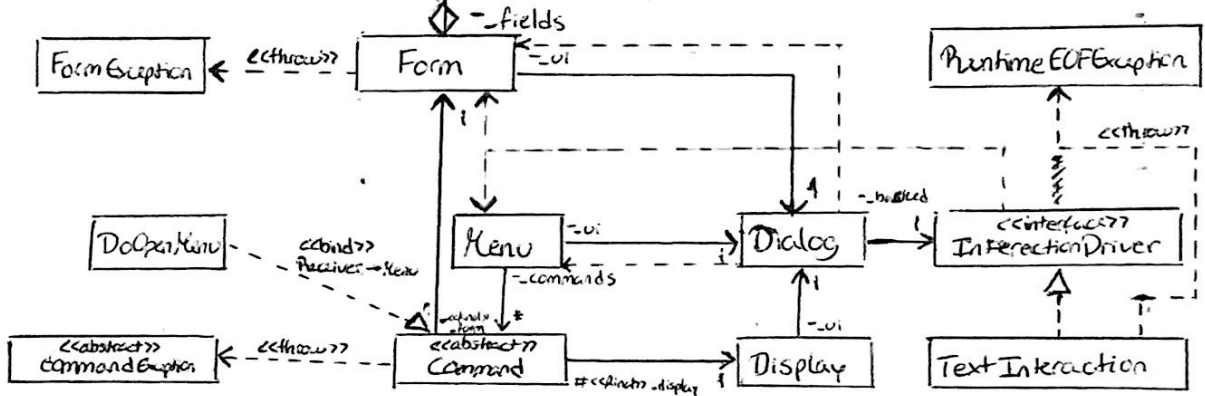
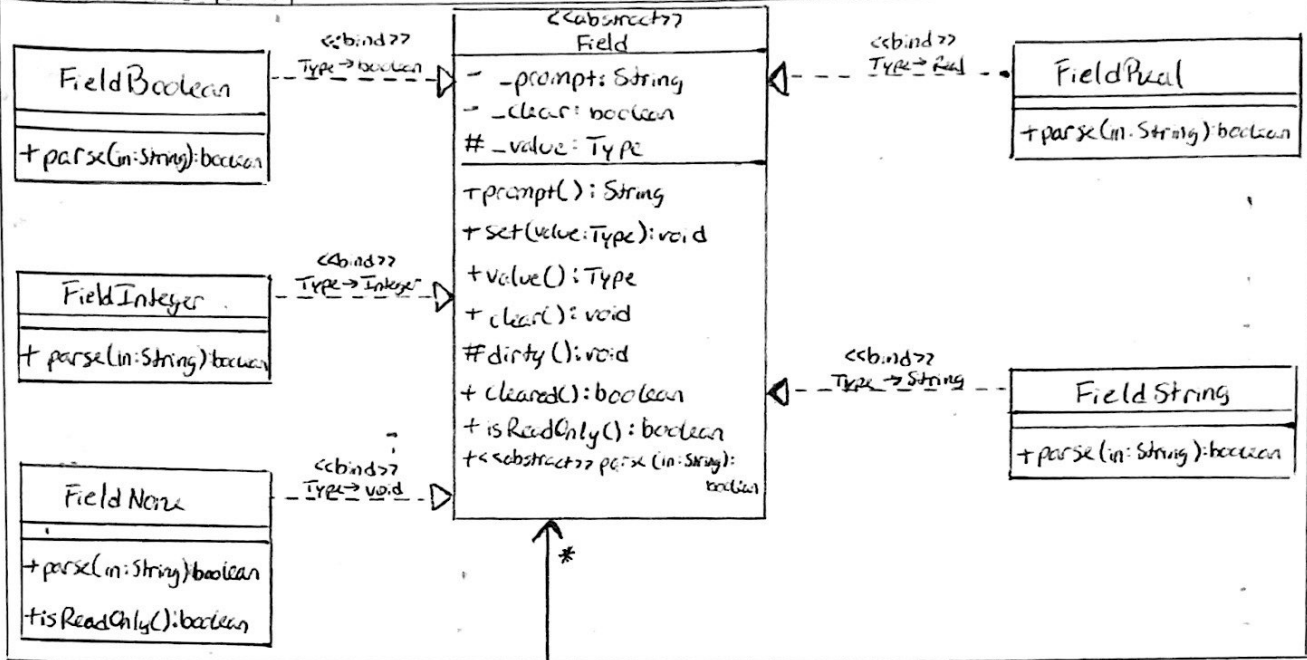
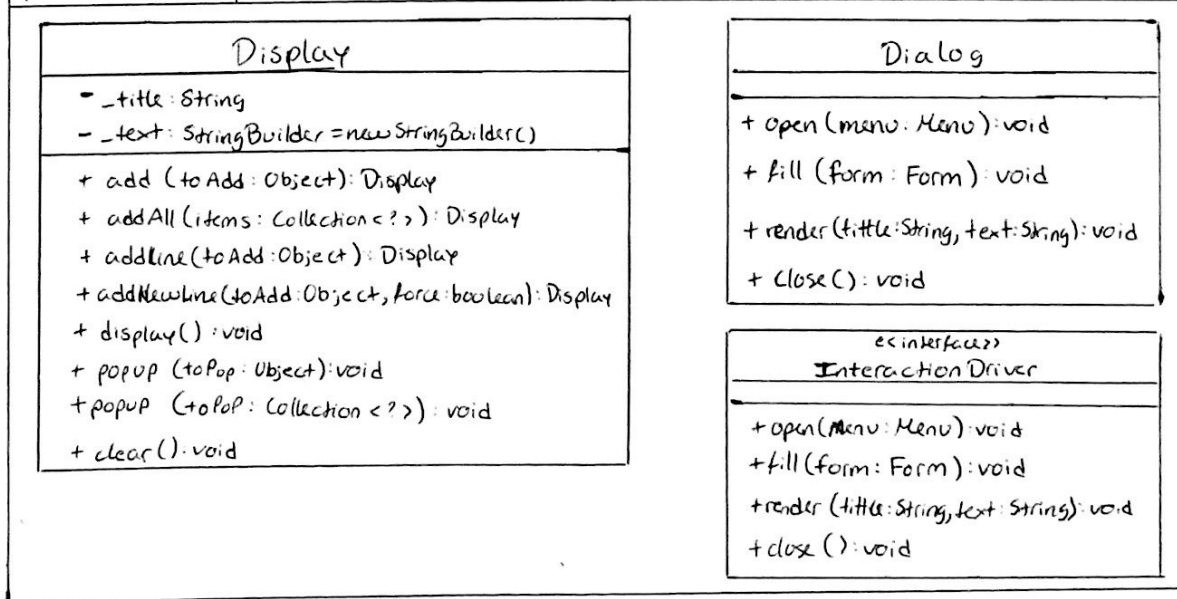


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## Form

```

- _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
- get(key: String, type: String): Object
+ booleanField(key: String): Boolean
+ stringField(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

```

## FormException

Classes Properties, Prompt, Message and Messages have been omitted since they represent bags of global functions or variables and are never instantiated as normal concept classes.

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## TextInteraction

```

- _in: Buffered Reader
- _out: Print Stream
- _log: Print Stream
- _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

```

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## Command

```

- _last: boolean
- _title: String
<final> # _receiver: Receiver
# _valid: Predicate<Receiver> = receiver -> true

<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
+ booleanField(key: String): Boolean
+ realField(key: String): Double
+ integerField(key: String): Integer
+ stringField(key: String): String
<final> + performCommand(): void

```

## Menu

```

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

```

## DoOpenMenu

## CommandException

## Composite Print Stream

```

- _streams: Collection<Print Stream>
- _error: boolean = false
<final> add(Print Stream): void

```

## RuntimeEOFException

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

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

