+ is valid (): booleann
+ add Boolean Field (Kay: Strung, prompt: Strung): void
+ add Real Field (Kay: Strung, prompt strung): void
+ add strung Field (Kay: Strung, prompt strung): void
+ boolean Field (Kay: Strung): booleann
+ integen Field (Kay: Strung): double
+ integen Field (Kay: Strung): integen
+ strung Field (Kay: Strung): strung

+ strung Field (Kay: Strung): strung

+ strung Field (Kay: Strung): strung + << final>> title(): Strumg # << firmal >> _ noceiven: Receiven # << fimal >> _ display : Display + islast (): booleam # -valid: Predicate < Receiver> = neceiver -> true < abotract >> - << times>> _ form: + orm - last: boolean Command # << abothod>> execute (). void -tittle: Strumg

Dogon Menu

Command Exception

+ fill (form: Form): void + close(): Void tect: String, text: String): void + UI: Dialog = MEN Dialog() - (fimal >> ACTION_ CHANNEL: String = " ui" << firmal >> CHANNEL NEW_SWING: String = "swimg" mawswimg (< firmal >) CHANNEL TEXT: String =" tact" open (menu: Menu): Void - backand: InteractionUniver Diakog

+ Auto Closeable

```
-- title: string
-- commands: Commond <?>[]
+ title(): String
+ size(): int
+ entry(m:int): Command<?>
                                                                             - mi ; Dialog
                                                                                                          Memu
```

+ appm (): Void

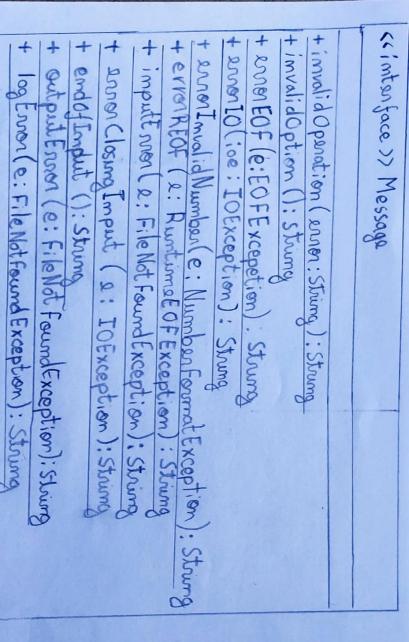
entries (): Command <?>[]

+ set (value: Type): void + value (): Type + clean (): void # - value : Type + dinty (): void + cleaned(): booleam + is head Only (): boolean - clear: booleam + & abstract) panse (in: String): boolean < abstract >> Field

«intenface» Messages

+ Key Alseady Exists (form: String, Key: String): String + Key Not Found (form: String, Key: String): String

+ type Mismatch (form: String, Key: String, actual Type: String, requested Type: String): String): String



Composite Point Stown

- streams: Collection < PrintStream> = main Armay list[]

- _ sunon: booleam = false

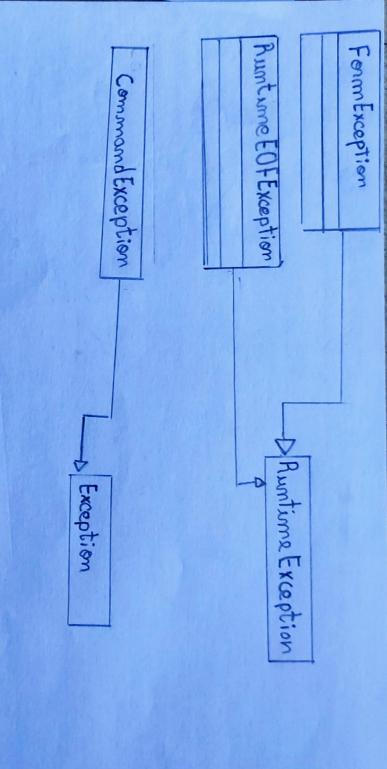
~ << final >> add (Ps: Printstream): void

<< Interfoce >> Prompt

+ option (): Stump

): Strumg

+ title (): String + entries (): Collection < Field <?>>> + field (Kay: String): Field <?>>): Void - odd (Key: String, im: Field <?>): Void + add String Field (Key: String, Pabel: String): Void
+ add String Field (Key: String, Rabel: String): Void
+ add Integer Field (Key: String, Rabel: String): Void
+ add Integer Field (Key: String, Rabel: String): Void
- act (Key: String, Rabel: String): Void - _ title: String - _ fields: Map < String, Field<? >>= new Linked Hash Map + stringfield (Key: String): String + realfield (Key: String): Jourble + panse (): Fenom
+ panse (clean: boolean): Fenom
+ clean (): Void
+ clean (): Void
+ confine (phompt: string): boolean
+ confine (phompt: string): boolean
+ request hear (phompt: string): double + integenfield (Key: String): Integer get (Key: String, type: String): Object booleam Field (Key: String): booleam



<< intenface>> Message + operation Failed (error: String): String

Field Booleam

- << fired>>> BOOLEAN_WORD_YES: Strung = "sim"

<< timal >> BOOLEAN_CHAR_YES: chan = "s"

- << firmal >> BOOLEAN_CHAR_NO: Chan="m"

Field Integen

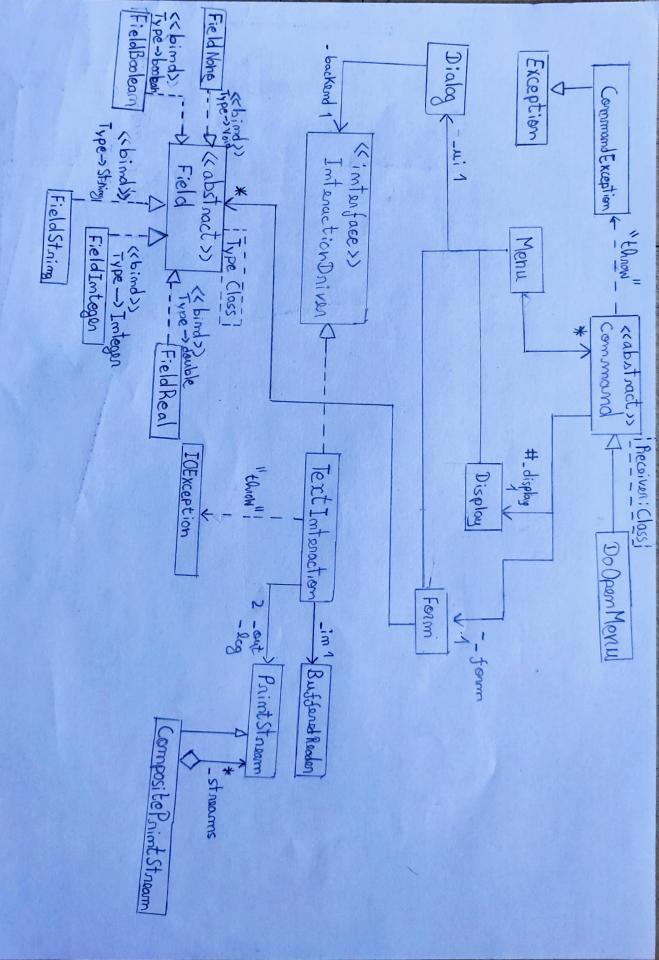
Field None

+ is read (m/y):backan

Field Real

<< intendace >> Intenactional river -_out: PrintStroom = system.out + randon (t:tle:string, text:stimg): void + close (): void - WriteImput: boolean - << final >> read String (prompt: String): String - << final >> read Integer (prompt: String: Int + f: 22 (form: Form): void open (memu: Menu): void _log: Print Stroom = mull -in: Buffered Readen = mew Buffered Readen & TextIntonaction IOException ★--

```
Display
- title: String = ""
- text: String =
```



Declare por minha hourse que este disgrama foi realizade apenas pelaselementes que constituem essure de projete. Arter Monteio

que constituem o grupo de projeto. Diago Pensisa