

Delara per minha honra que este diagrama foi realizada apenas pelas elementas que canotituem a grupo da projecta. Francisca Silva ist 1110409

deciaro por minha honra que este diagrama foi realizado apenas pelos elementes due constituem o grupo do projecto. Joana Cardoso 109864

((abstrat) Field - Prompt: string -clear: boxean #-value: Type + Prompt(): String + set (value: type): void + value (): Type t clear (): void # dirty (): void FieldNoone + cleared (): boolean + parse (in: string): boolean + ((abstract ) parse (in: String): boolean + 1s ReadOnly (): boolean Form -01: Dialog -title: String - fields : Map

Field Oaron FieldBoolean + Parse (in: String): boolean " ( final > Bool END WORD. YES! String ((Final >> BOOLEAN - WORD - NO ) Song ((Final >> BOOLEAN - CHAR - YES! STIN ((final)>) BOOLEAN\_CHAR\_NO: String Fieldheal parse (in: String): bookear + parse (in: Smig): boolean FieldInteger + parse (in: string) boolean

Dialog

Field String +parse(in: String): boolear

- cefinals> ACTION\_CHANNEL = String

((Gral)) CHANIVEL-SWING-STING

- (cfinal>> CHANNEL\_TEXT: String - backend: Interaction Driver

- ((final>) CHANNEL-NEW-SWING-STING

+ title(): String + entries(): Collection t field (15ey: String): Field - ada (16ey: String in: Field): void + ada (16ey: String in: Field): void + ada (16ey: String ): (16ey: String ): (16id) + add String Field (Key: String, label: String): void + alddRealField (Key: String, (abel: String): void + add Integer (Field (Key: String, label: String); void + add Option Field (Key: String, label: String, corions: Strings...): void -get (key: string, type: String): Object + boolean Field (Key: String): boolean + StringField (Key: String): String + option field (Keyl String): String + realfield (key: String): Double +IntegerField (Key: String): Integer + parse(): Form + (lear(): void + confirm (prompt: String). Boaran + request Integer (prompt: String): Integer + request Real (prampt: String): Double + request String (prompt: String: String + request Option (prompt: String; options: Strings...): String

+ open (menu: Menu): void +fill (form: Form): void +render (title: String, text String): Void + c108e(): void Display -ul: Dialog -\_title: String -- text: String Builder + add (toadd: Object): Display + addA11(items: Collection (?7): Display + addline(toAdd:Object): Display odd New Line (to Add Doyat, force: board Durb +display ()! void +popup(toPop:Object): void + popup (to Pop: Collection <?>): will

((Interface>> Interaction Driver +open (menu: trenu): void + Pill (form: Form): void + render(title: String, text: String): void + close(): void

+ clear (): void

Declara por minha hama que este diagrama fai realizada apenas pelos elementos que constituem o grupo do projeto. Francisco Gibra ist 1710409

declaro par minha harra que este cliagrama fai realizado aperas peles elementos que constituem o grupo do projeto. Doana lardoso 100864

## Command >>

- -- last: boolean -- title: String
- # (cfinal>)\_Receiver : Receiver
- #-valid: Predicate ( Receiver >
- (cfinal) form: Form
- # KERNOUTS dispray: Dispray
- + (cfinal> title(): String
- + Is last 1): boolean
- + is validy): boxean
- + add. Box ean Field (Key: String, Prompt: String): void
- + add Real Field (Key String, Prompt: String): void
- + addIntegerfield (Key: Strong, Prompo: Strong): void
- + add stringfield (key: String, plampt: String): void
- + add Uptanfield (key: String, prompt; string, options: String...): void + booleanfield (key: String): boolean
- + realfield (Key: String): Double
- + Integerfield (Kexistring): Integer
- + StringField (Key: String): String
- + String Option (Key: String): String
- + ( final >> perform canmand () void
- # ((abstract) execute (): void

## Henu

- -ui: Dialog--title: String-
- Commands: Commande! 7()
- +title(): String +Site(): Integer
- tentry (h: Integer): Command (?)
- + entres(): command(?>[]
- + open(): void

## Dogentlenu

# (cfinal>> execute(): void

## Text Interaction

- write-Input: boolean
- +close(): void
- + open (menu: Henu): void
- + lender (title: String, text: String): void
- + fill (form: Form): void
- Read string (prompt: String): String
- Read Integer (prompt: String): Integer

Composite Print Stream

- streams: collection (AintStream)

-- error: boolean

iandida (PS: Printstream). Void

Declare par minha hanna que este diagrama fai realizado apenas pelos elementos que constituem o grupo do projedo. Francisca Gibra int 1170 409 deciciro por minici honia que este diagrama foi realizado apenas pelos elementos que constituem o grupo do projero. Dana Cardaso istrospos