



pt.tecnico. vilib

Display

- _ui: Dialog
- -_title: 5thing
- -_text: String Builder
- + add (to Add: Object): Diophay
- + add All (items: (allection <?>): Display
- + add Line (to Add: Object): Diophay
- + add New Cine (totald: Object, Jace: boolson): Display
- + display (): void
- + popup (to Pop: Object): void
- + popup(totop: (ellection <?>): wad
- + clean (): would

Dialos

- ACTION CHANNEL: String
- CHANNEL _ SWING : String
- CHANNEL _ NEW _ SWING : SWING
- CHANNEL_ TEXT : String
- + UI: Dialog
- _ backend: Interaction Priver
- + open (menu: Kenu): void
- + jill (fram: Form): void
- + runder (title: sung, text: Sting): void
- + close (): wid

«interface» Interaction Driver

- + open (monu: Kexue): void
- + jill (jam: Form): void
- + render (tille: 5km, text: 5km): und
- + close (): void

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22 abatroct?7	
Field	
- prompt: String	
clean: boolean	
# _volue: Type	
# _ 10000 . 5/	
+ prompt(): String	
+ ret (when: Type): void	
+ value (): Type	
+ clean(): void	
# p dinty (): void	
+ cleaned (): boolean	
+ is Read Only (): boolean	
+ 22 abotroct>>> pouse (in:5 tring): booken	
	0.014
Field Bo	WORD_YES: String
_ 800LEAN	CHAR_YES: Shing
Field Real - 900LEAN-	CHAR-NO: String
- 5000	CHATT
Fiabl None	
Form Executive	\mathcal{M}
Field String	
V	
<pre>// interface >> Herosages</pre>	
+ Key Already Exists (from: 5thing, Key: 5thing): 5thing	
the state of the s	
+ key Not bound (from: Shing, key: Shing): Shing , squated Type: String): String + type Hiomatch (from: String, key: String, actual Type: String, repeated Type: String):	
7 0 7 0	

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Form - _ ui : Dialop -_ title: String -_ jields: rop < string, Field <?>> - add (Key: String, in: Field <??): wid + title (): String + entries (): Collection < Field <?>>> + jield (key: Strong): Field 2?> + add Boolean Field (key: String, label: String): void + add String Field (key: String, label: String): wid + add Real Field (Key: String, label: String): void + add Integer Field (key: String, label: String): wid - get (key: string , type: String): Object + bolean Field (Key: String): Boolean + String Field (key: String): String + real Field (key: Storp): Double + integer Fied (key: Sturnp): Integer + paise (): Form + parse (clear: so boolean): Form + elean (): void + confirm ((prompt: String): Boolson + represt liteger (prompt: String): mileger + represt heal (prompt: string): Double

+ represent String (prompt: String): String

Pt. tecnico, wilib. text		
24 interface >7		
Message (coasse string): String		
+ invalid Operation (error: String): String		
+ involed Options (): String		
+ error EOF (e: EOF Exception): String		
+ error 10 (ioe: 10 Exception): String		
+ error hubber (e: Number Format Exeption): string		
+erra REOF (e: Runtime EOF Exeption): String		
+ imput Ernor (e: File Not Found Exception): String		
+ enoz Closing Input (e: 10 theption): Sturng		
+ end of mout (): Sting		
+ output Erver (e: File Not Found Exception): Stump		
+ log Error (e: File Not Found Exception): String		
Run Time EO	F Exeption Print Stream	
<< interpace>>> Kum 1 cme co		
Properties	Composito Purnt Steam	
<< interface>>>	- steams: Collection < Printstram?	
Prompt	ena: boolean	
+ option(): String	+ add (ps: Printstoom): void	
+ emit(): String		
Text Interaction		
in: Buylered Reader		
- out: himtsnam		
- log: Print Steam		
- write Imput: booksan		

- ((Jmal)) read String (promp: String): String): int

Pt. tecrico. wilib. menus 24 Obstroct >> Command -_ last: boolean Doopentlevie -_ title: String + << + vial >> perfs (command) # (cj:nals) - receiver: Receiver Kenu - valid: Predicate «Receiver» 22/mals> - Jam: Form # <<; mal >7 _ dioplay: Dioplay t <<pre>t <<pre>cjinal>>> title (): String is Last (): boolean is Valid (): boolean + add Boolean Field (key: Stong, prompt: Stong): void + add Real Field (Key: String, prompt: String): wid + add Integer Field (key: Stimp, prompt: Stimp): unid + add String Field (vey String, prompt: Stong): void + boolean Field (key: String): Boolean + real Field (Key: String): Double

+ << abstract>>> execute(): usid **Cosage**

+ operation Failed (emor: 5trug): 5trug

+ integer Field (key: Story): Integer

+ << jind >> perform (ommand (): void

+ string Field (key: String): String

Command Exception

-_ ui: Dialog

-_title: String

-_ Commands: Command <?>[]

+ title(): Shing

t side(): int

+ open(): void

+ entry (n: int): command <??

+ entries (): (ommand <?>

99086 Jerónimo Hendes

Declaro pa minha honna que este diagnoma jai realizado asevas pelos elementos que esustituem o grupo de projeto. Justimo Conçolo Mais Hendes