

```

Display
- title: String
- text: String Builder

+ add (toAdd: Object): Display
+ addAll (items: Collection<?>): Display
+ addLine (toAdd: Object): Display
+ addNewLine (toAdd: Object, force: Boolean): Display
+ display (): void
+ return (toRet: Object): void
+ return (toRet: Collection<?>): void
+ clear(): void

```

Declaro por minha classe que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto. denis de oliveira
ist 104165
 Declaro por minha classe que este diagrama foi realizado apenas pelos elementos que
 constituem o grupo de projeto. Miguel Coelho ist 102430

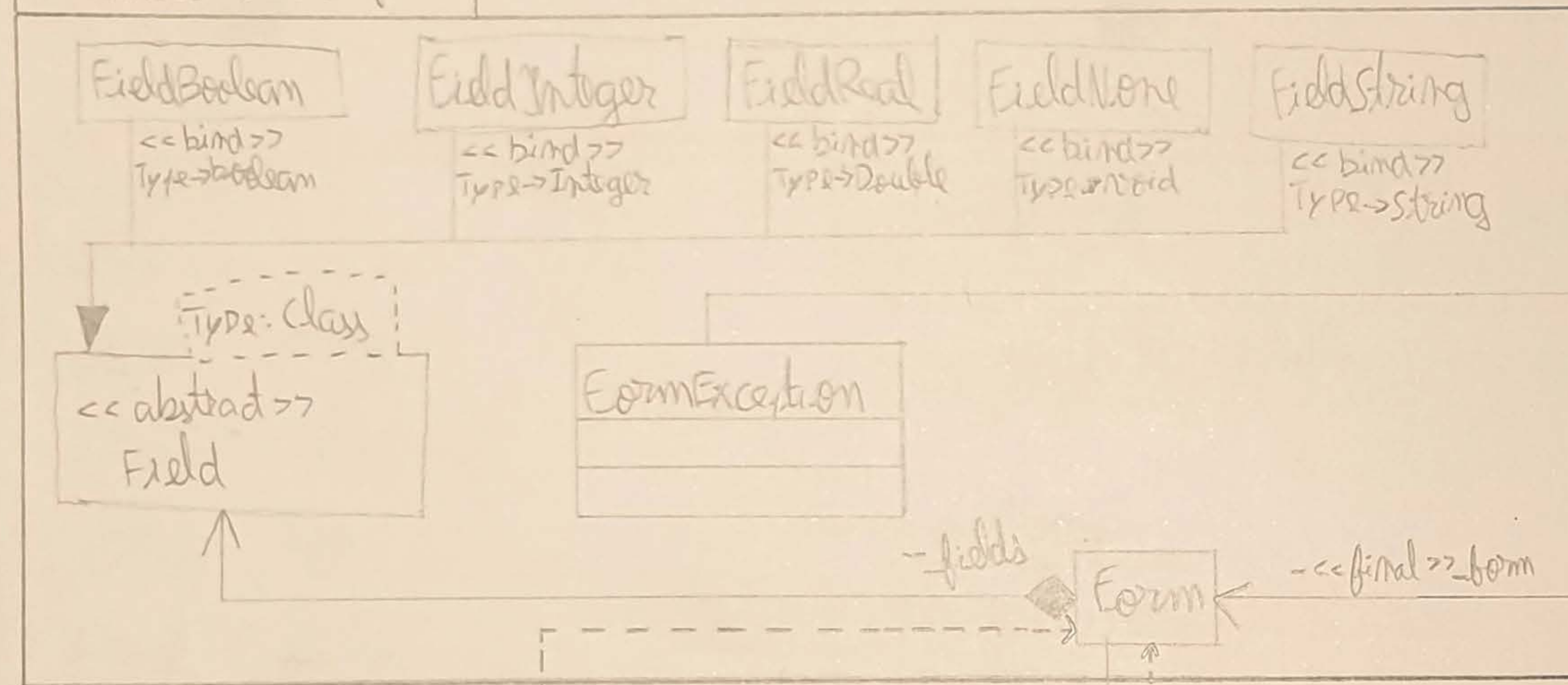
Type Class	
<< abstract >> Field	
- prompt : String	
- clear : boolean	
# _value : Type	
+ prompt () : String	
+ set (value : Type) : void	
+ clear () : void	
# dirty () : void	
+ cleared () : boolean	
+ isReadOnly () : boolean	
+ << abstract >> parse (in : String) : boolean	
<< abstract >> Command	Receiver: Class;
- last : boolean	
- title : String	
# << final >> receiver : Receiver	
+ << final >> title () : String	
+ isEmpty () : boolean	
+ isValid () : boolean	
+ addBooleanField (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	
+ << abstract >> execute () : void	

FieldString	
+ parse (in : String) : boolean	
FieldMenu	
+ parse (in : String) : boolean	
FieldBoolean	
- << final >> BOOLEAN_WORD_YES : String	
- << final >> BOOLEAN_WORD_NO : String	
- << final >> BOOLEAN_CHAR_YES : String	
- << final >> BOOLEAN_CHAR_NO : String	
+ parse (in : String) : boolean	
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, label : String) : void	
+ booleanField (key : String) : boolean	
+ stringField (key : String) : String	
+ realField (key : String) : Double	
+ integerField (key : String) : Integer	
+ parse () : Form	
+ parse (clear : boolean) : Form	
+ clear ()	
+ confirm (prompt : String) : boolean	
+ requestInteger (prompt : String) : Integer	
+ requestReal (prompt : String) : Double	
+ requestString (prompt : String) : String	

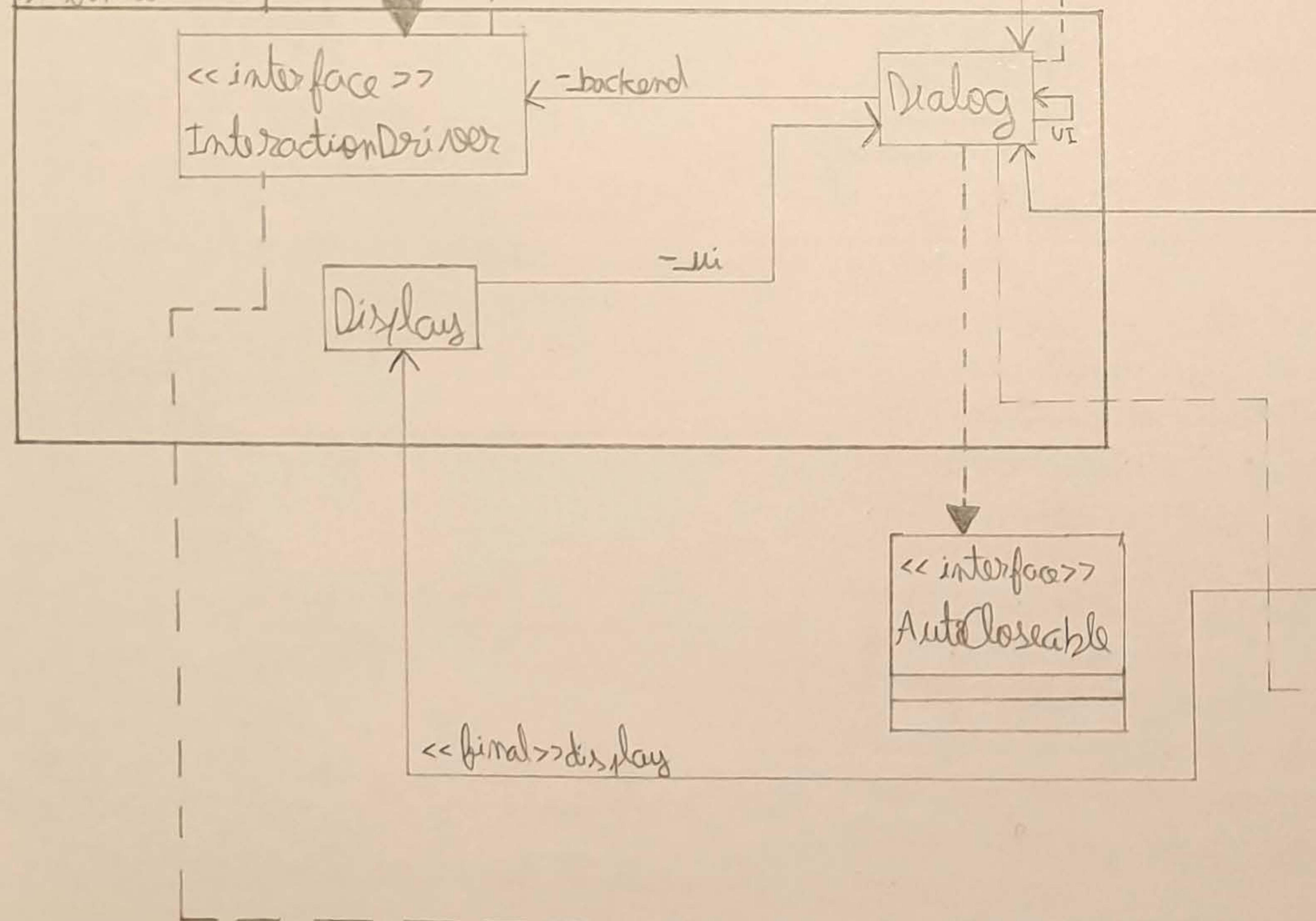
FieldReal	
+ parse (in : String) : boolean	
FieldInteger	
+ parse (in : String) : boolean	
CompositePrintStream	
- error : boolean	
n << final >> add (ps : PrintStream) : void	
DialogMenu	
# << final >> execute () : void	
Menu	
- title : String	
+ title () : String	
+ size () : int	
+ sortBy (m : int) : Command <? >	
+ entries () : Command <? >	
+ open () : void	
LoadInteraction	
- writeInput : boolean	
+ close () : void	
+ open (menu : Menu) : void	
+ fill (form : Form) : void	
+ render (title : String, text : String)	
+ << final >> readString (prompt : String) : String	
+ << final >> readInteger (prompt : String) : int	

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

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RuntimeException

Exception

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RuntimeEOFException

TestInteraction

BufferedReader

IOException

PrintStream

CompositePrintStream

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CommandException

DoOpenMenu

<<abstract>>
Command

Menu

Predicate