

### Package Diagram editor [ Overview diagram of package editor ]

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### specification

#### Editor

opérations  
+éditer() : void

h

#### HisEditor

opérations  
+undo()  
+redo()  
«getter» +getUndoHistory() : History  
«getter» +getRedoHistory() : History

h

#### Simple Editor

opérations  
#nbLineCommands : int = 0  
  
«constructor»+SimpleEditor( a\_Line : Line, a\_editorOutStream : PrintStream )  
-fillMenu() : void  
+éditer() : void  
#execute( a\_Command : Command ) : void

h

### command

#### Command

opérations  
+exécuter() : void  
«getter» +isExecutable() : boolean  
«getter» +isCancellable() : boolean

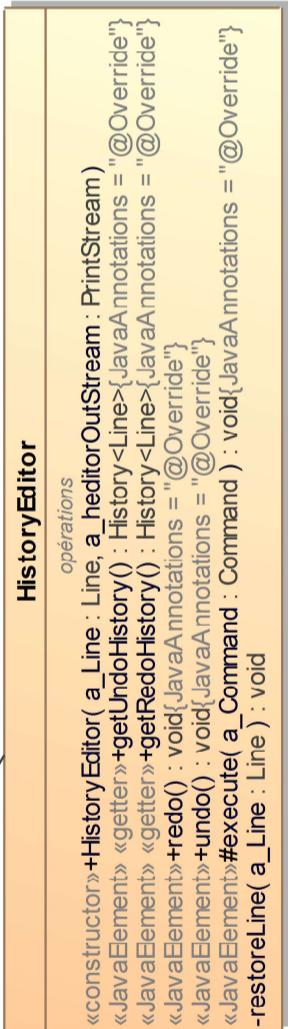
h

### editorcommands

EditorCommand

opérations  
+exécutable : boolean = false  
  
«constructeur»+EditorCommand( a\_Editeur : HisEditor )  
«JavaElement» «getter» +getJavaAnnotations() : boolean  
«JavaElement» «getter» +isCancellable() : boolean  
Annotations = "@Override"

h



#lineCommands Table  
0...1

0...1

«virtual»  
{n = 4}

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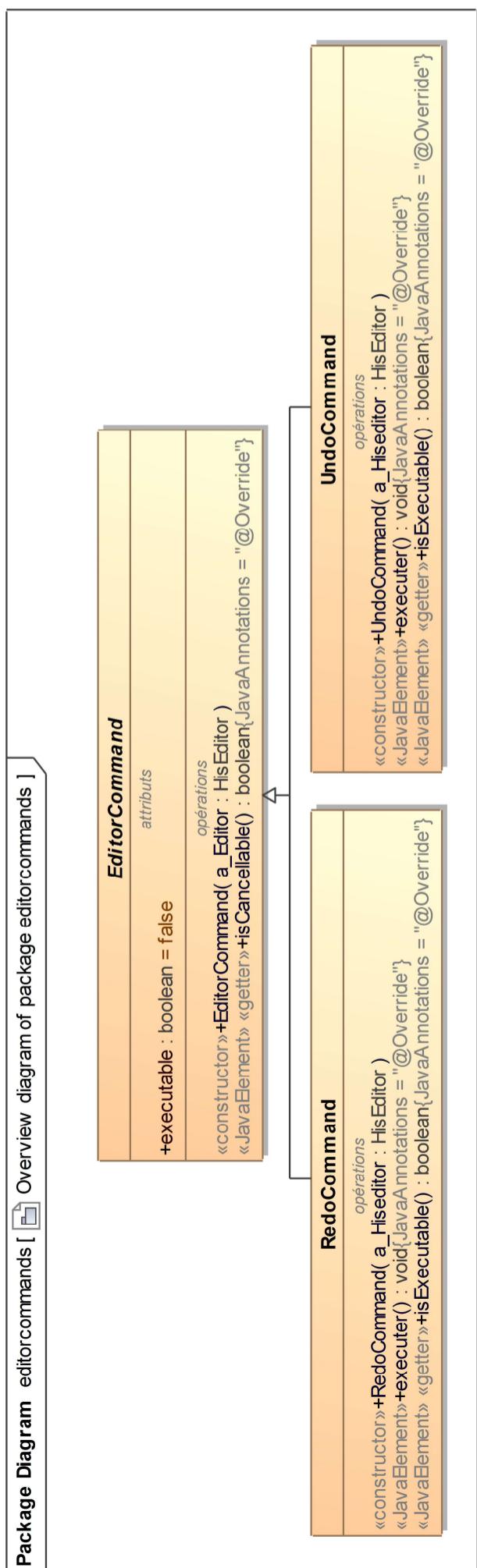
0...1

0...1

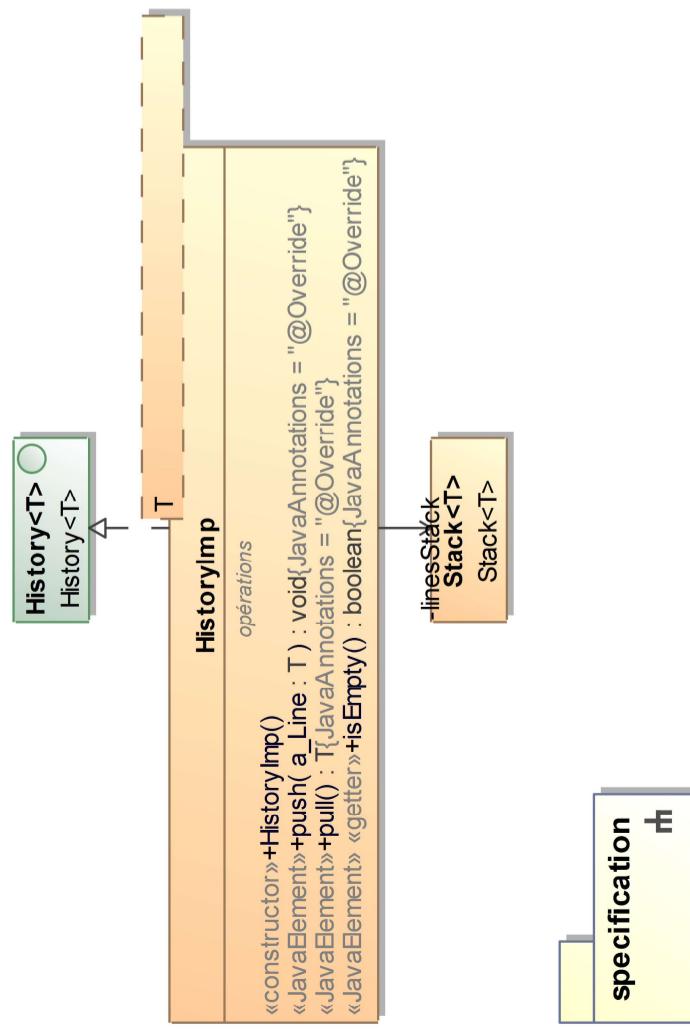
0...1

0...1

0...1



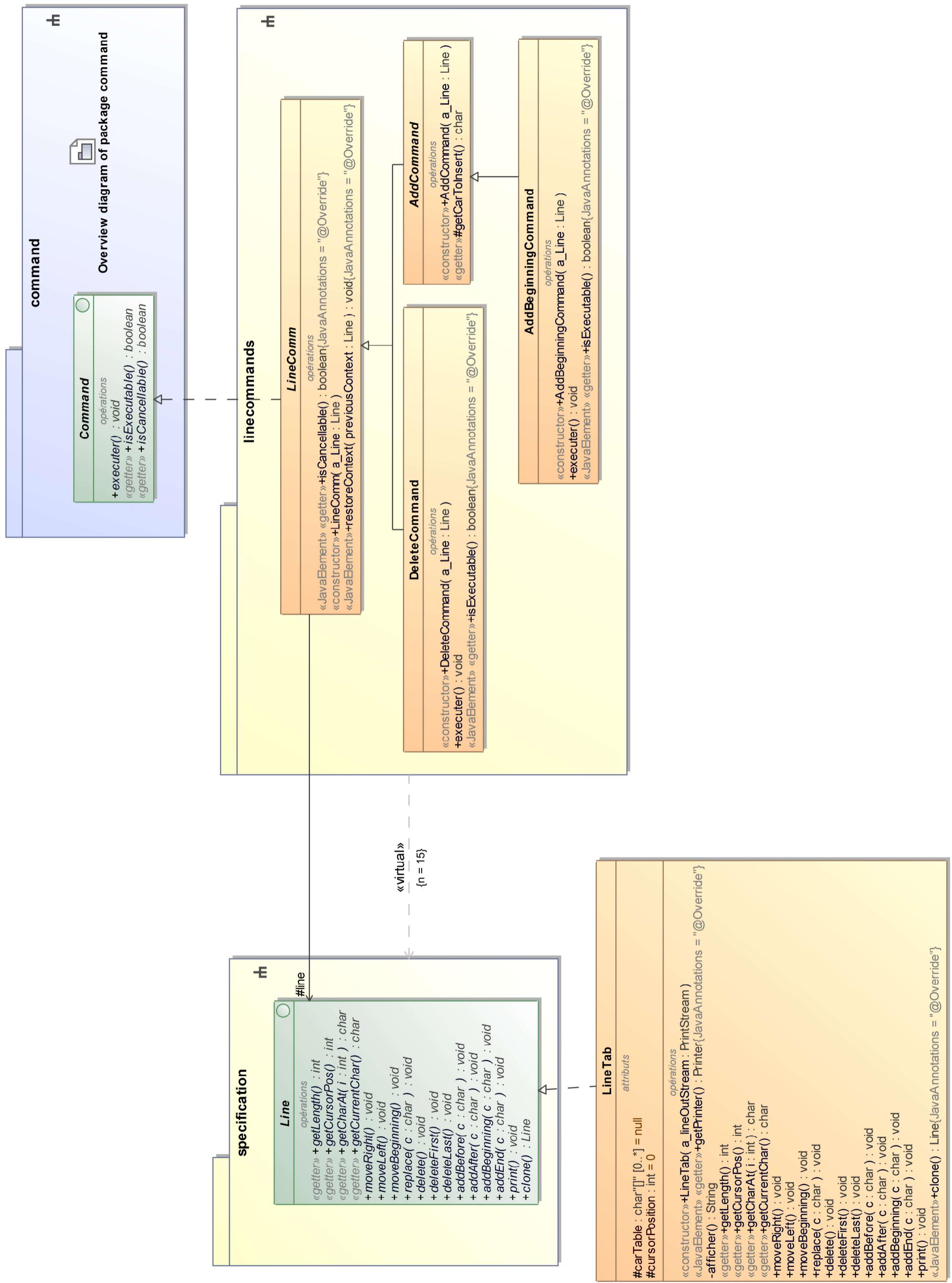




 **History**

opérations

+ push( a\_Elément : T ) : void  
+ pull() : T  
«getter» + isEmpty() : boolean



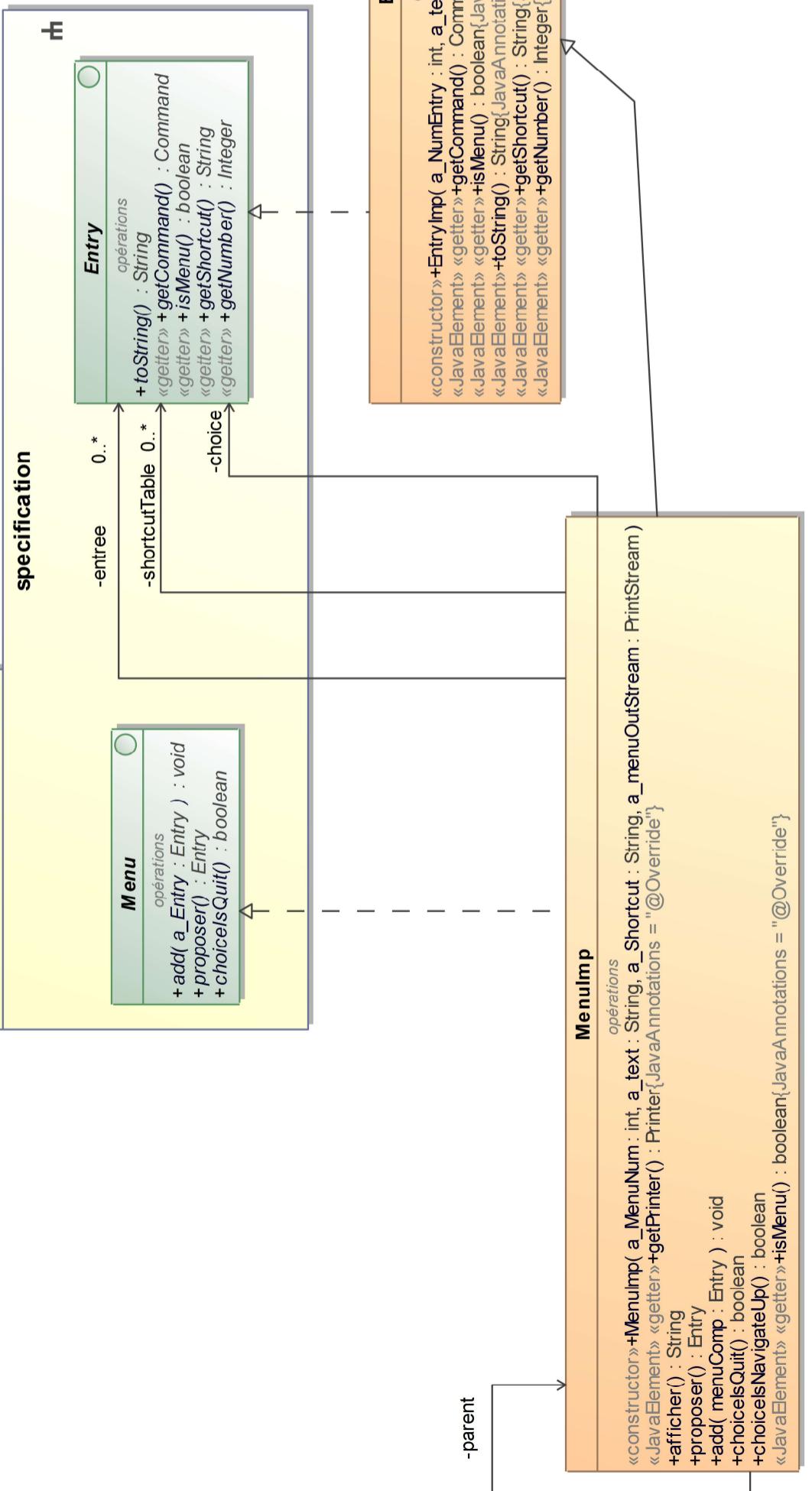
**Cancellable<Line>**  
Cancellable<Line>

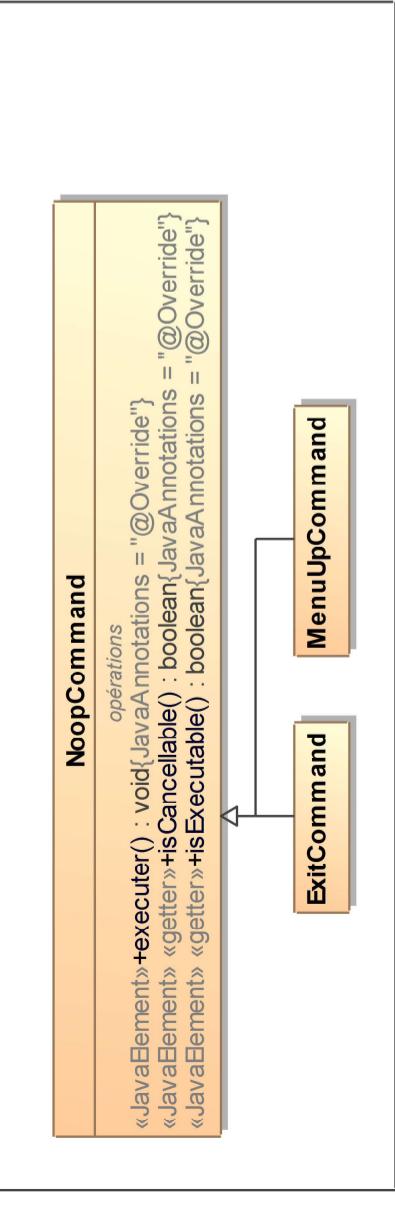


**Line**

opérations

```
«getter» + getLength() : int
«getter» + getCursorPos() : int
«getter» + getCharAt( i : int ) : char
«getter» + getCurrentChar() : char
+ moveRight() : void
+ moveLeft() : void
+ moveBeginning() : void
+ moveEnd() : void
+ replace( c : char ) : void
+ delete() : void
+ deleteFirst() : void
+ deleteLast() : void
+ addBefore( c : char ) : void
+ addAfter( c : char ) : void
+ addBeginning( c : char ) : void
+ addEnd( c : char ) : void
+ print() : void
+ clone() : Line
```





**Menu**

Opérations

- + add(a\_Entry : Entry) : void
- + proposer() : Entry
- + choixeQuit() : boolean

**Entry**

Opérations

- + toString() : String
- «getter» + getCommand() : Command
- «getter» + isMenu() : boolean
- «getter» + getShortcut() : String
- «getter» + getNumber() : Integer

