



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

Package Diagram

editor [ Overview diagram of package editor ]

### specification

#### Editor

opérations  
+éditer() : void

⋮

#### HisEditor

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

⋮

#### Simple Editor

opérations  
#nbLineCommands : int = 0

⋮

opérations  
«constructor»+SimpleEditor( a\_Line : Line, a\_editorOutputStream : PrintStream )  
-fillMenu() : void  
+éditer() : void  
#execute( a\_Command : Command ) : void

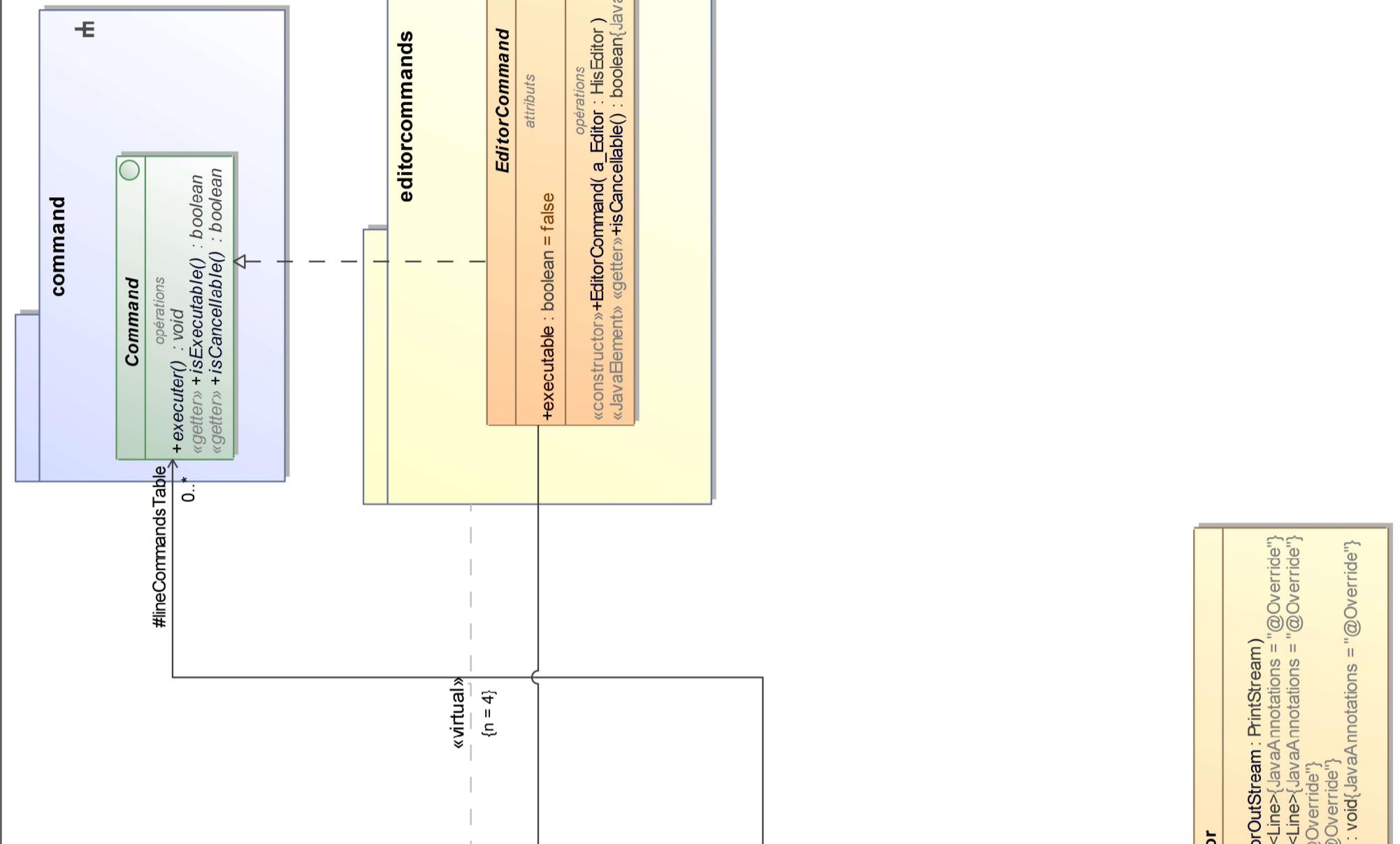
⋮

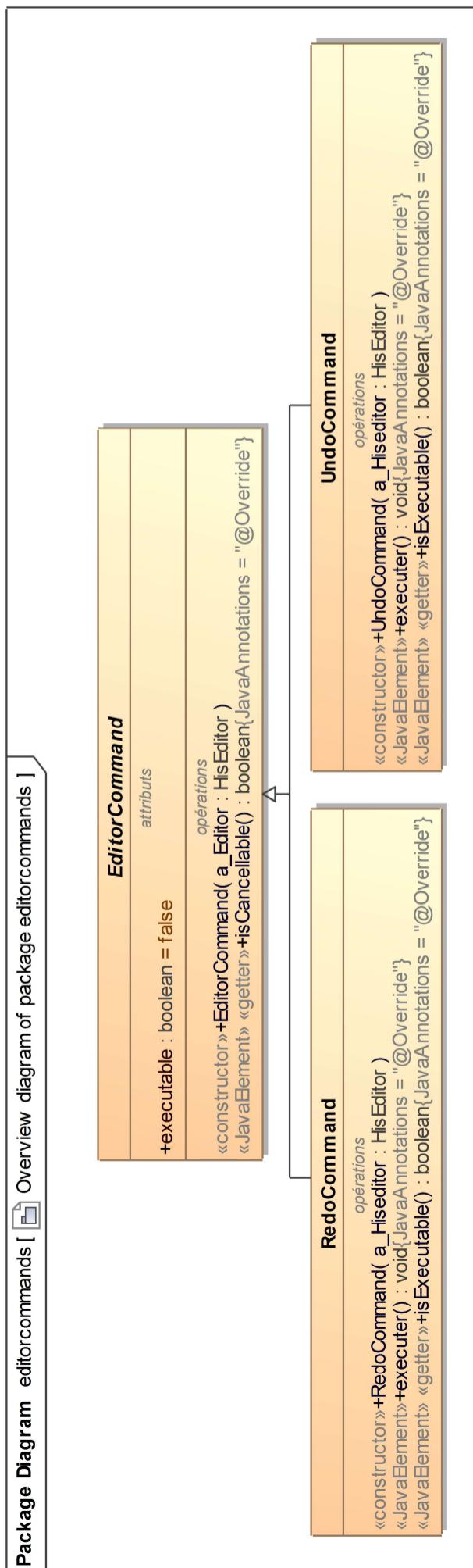
#### History<Line>

-undoHistory

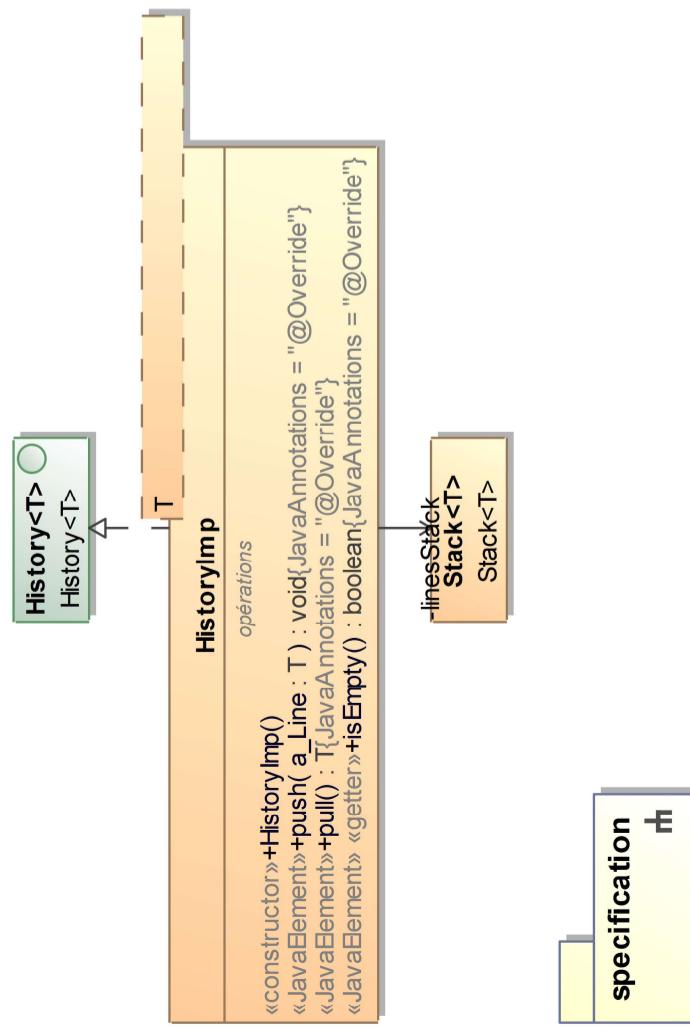
#### HistoryEditor

opérations  
«constructor»+HistoryEditor( a\_Line : Line, a\_editorOutputStream : PrintStream )  
«JavaElement» «getter» +getUndoHistory() : History<Line> { JavaAnnotations = "@Override" }  
«JavaElement» «getter» +getRedoHistory() : History<Line> { JavaAnnotations = "@Override" }  
«JavaElement» +redo() : void { JavaAnnotations = "@Override" }  
«JavaElement» +undo() : void { JavaAnnotations = "@Override" }  
«JavaElement» #execute( a\_Command : Command ) : void { JavaAnnotations = "@Override" }  
-restoreLine( a\_Line : Line ) : void







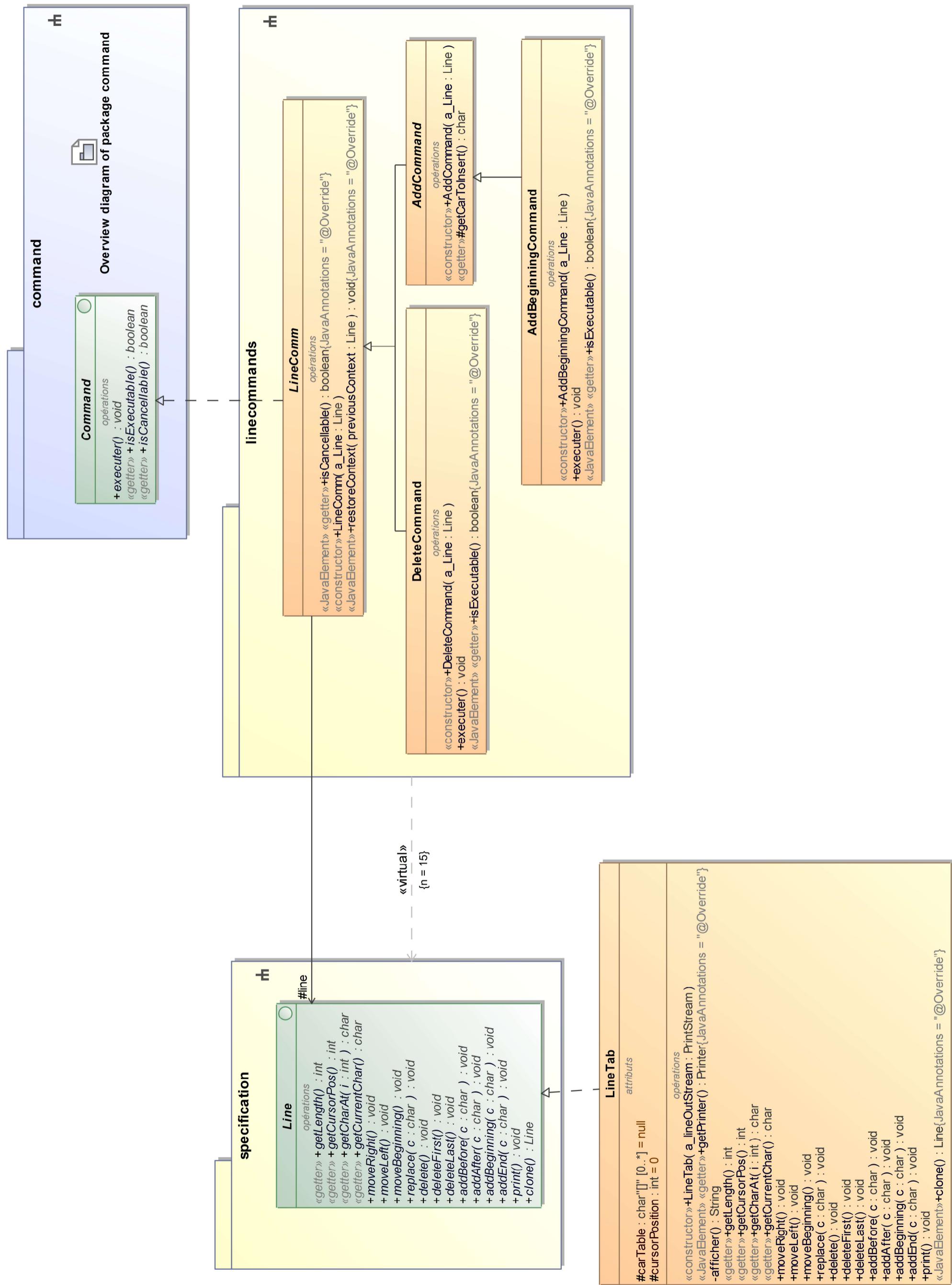




**History**

+push(<sup>opérations</sup> a\_Elément : T ) : void  
+pull() : T  
«getter» + isEmpty() : boolean



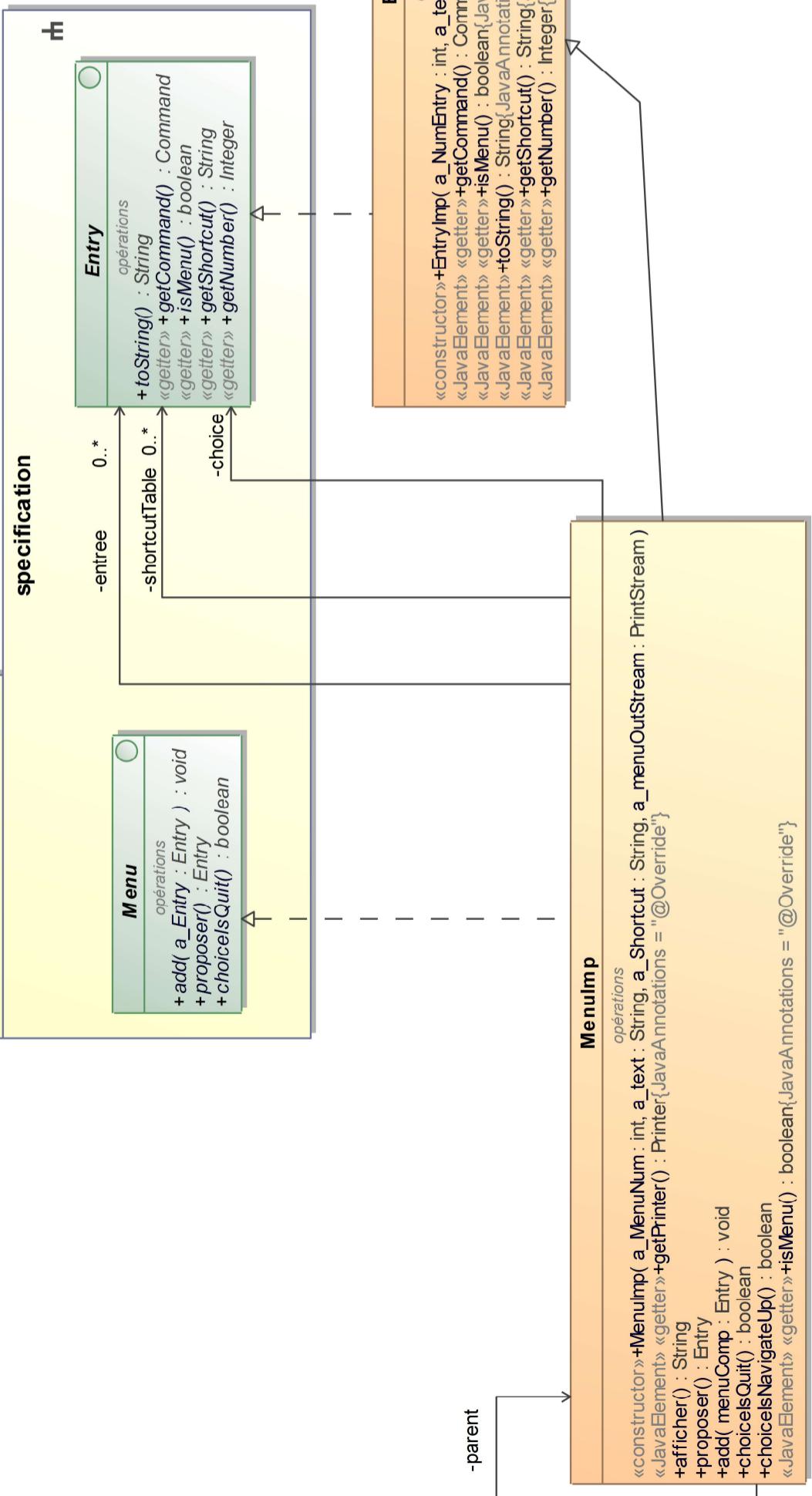
**Cancellable<Line>**  
Cancellable<Line>



**Line**

opérations

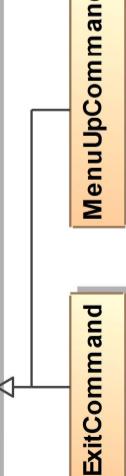
```
«getter» + getLength() : int
«getter» + getCursorPos() : int
«getter» + getCharAt( i : int ) : char
«getter» + getCurrentChar() : char
+ moveRight() : void
+ moveLeft() : void
+ moveBeginning() : void
+ moveEnd() : void
+ replace( c : char ) : void
+ delete() : void
+ deleteFirst() : void
+ deleteLast()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



**NoopCommand**

opérations

```
«JavaElement»+executer() : void{JavaAnnotations = "@Override"}  
«JavaElement» «getter»+isCancellable() : boolean{JavaAnnotations = "@Override"}  
«JavaElement» «getter»+isExecutable() : boolean{JavaAnnotations = "@Override"}
```



**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

