JFCGUIReplayer

A test-case execution tool for automated GUI testing.

JFCGUIReplayer Team

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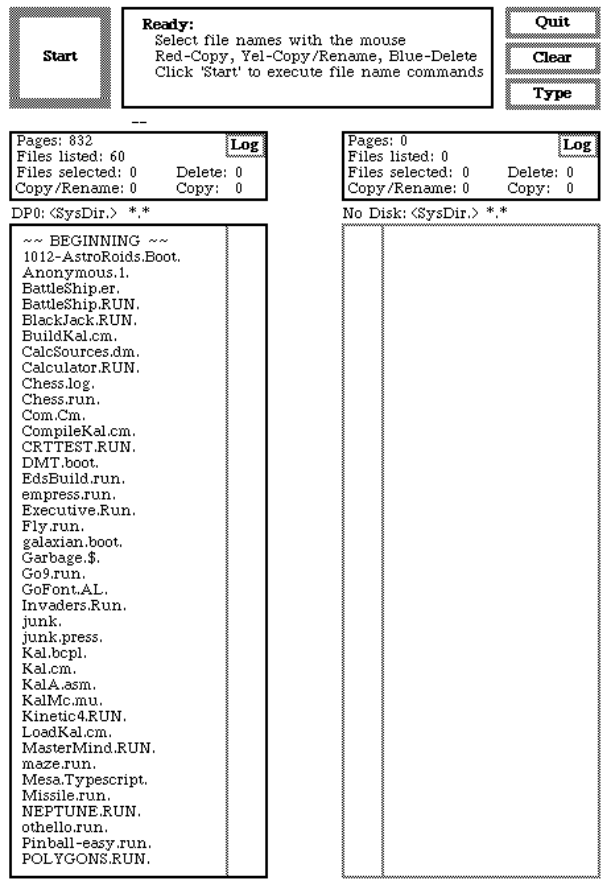
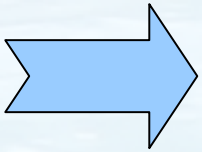
JFCGUIReplayer Topics

- Need for JFCGUIReplayer
- JFCGUIReplayer Overview
- How to run JFCGUIReplayer
- Input/Outputs Explained
- Architecture/Javadoc
- Initial Testing
- Bugs
- Server Tests
- Recently Added Features, Plugin Algorithm
- Conclusion

Need for JFCGUIReplayer



Xerox Alto (1973)

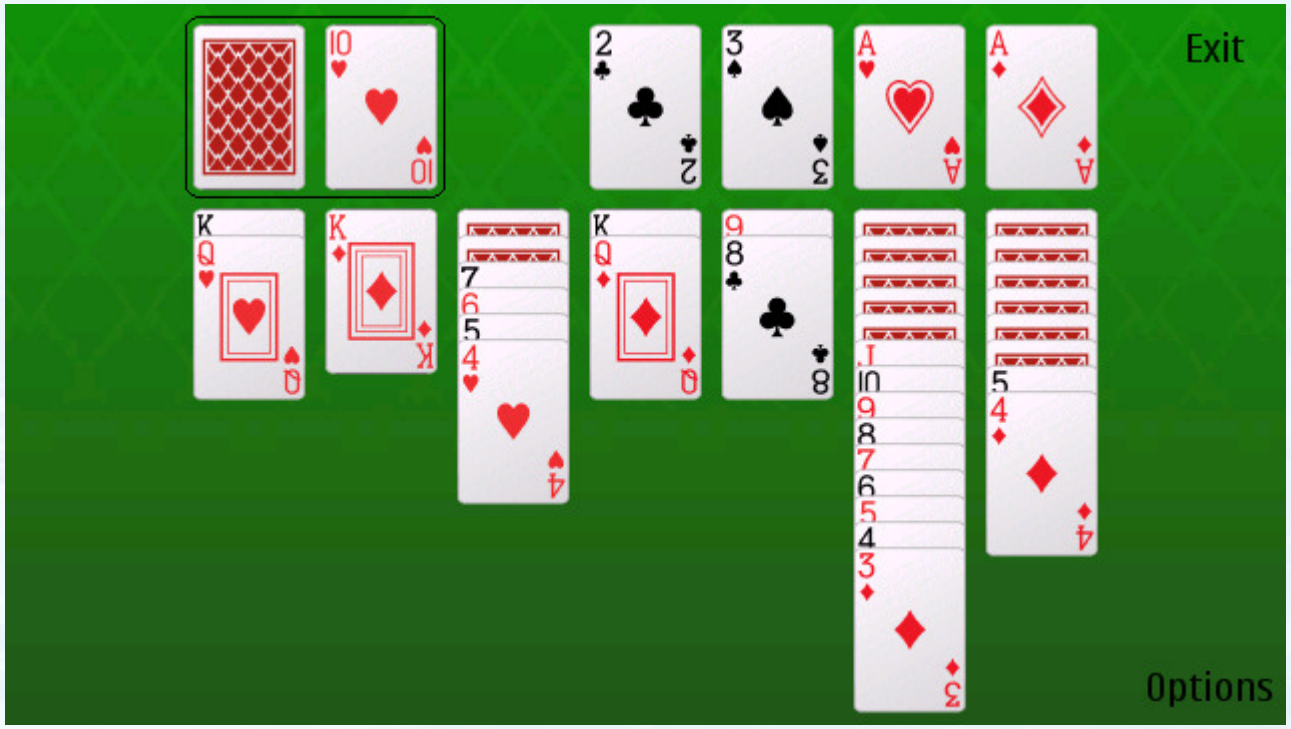


iPhone (2007)

JFCGUIReplayer

http://sourceforge.net/apps/mediawiki/guitar/index.php?title=JFCGUIReplayer

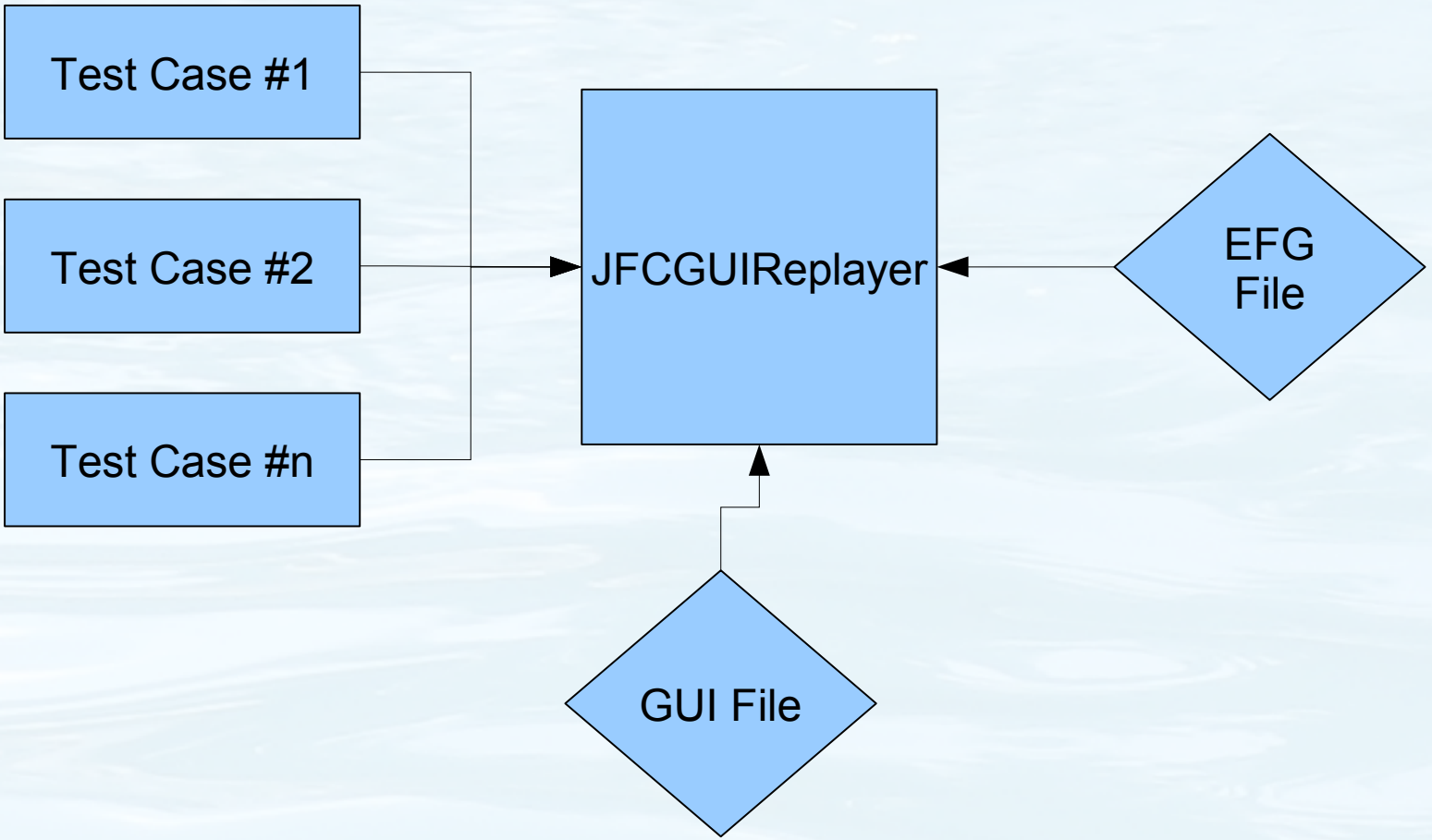
Need for JFCGUIReplayer



Solitaire Clone (200X)

...is it feasible to personally test this?

JFCGUIReplayer Overview

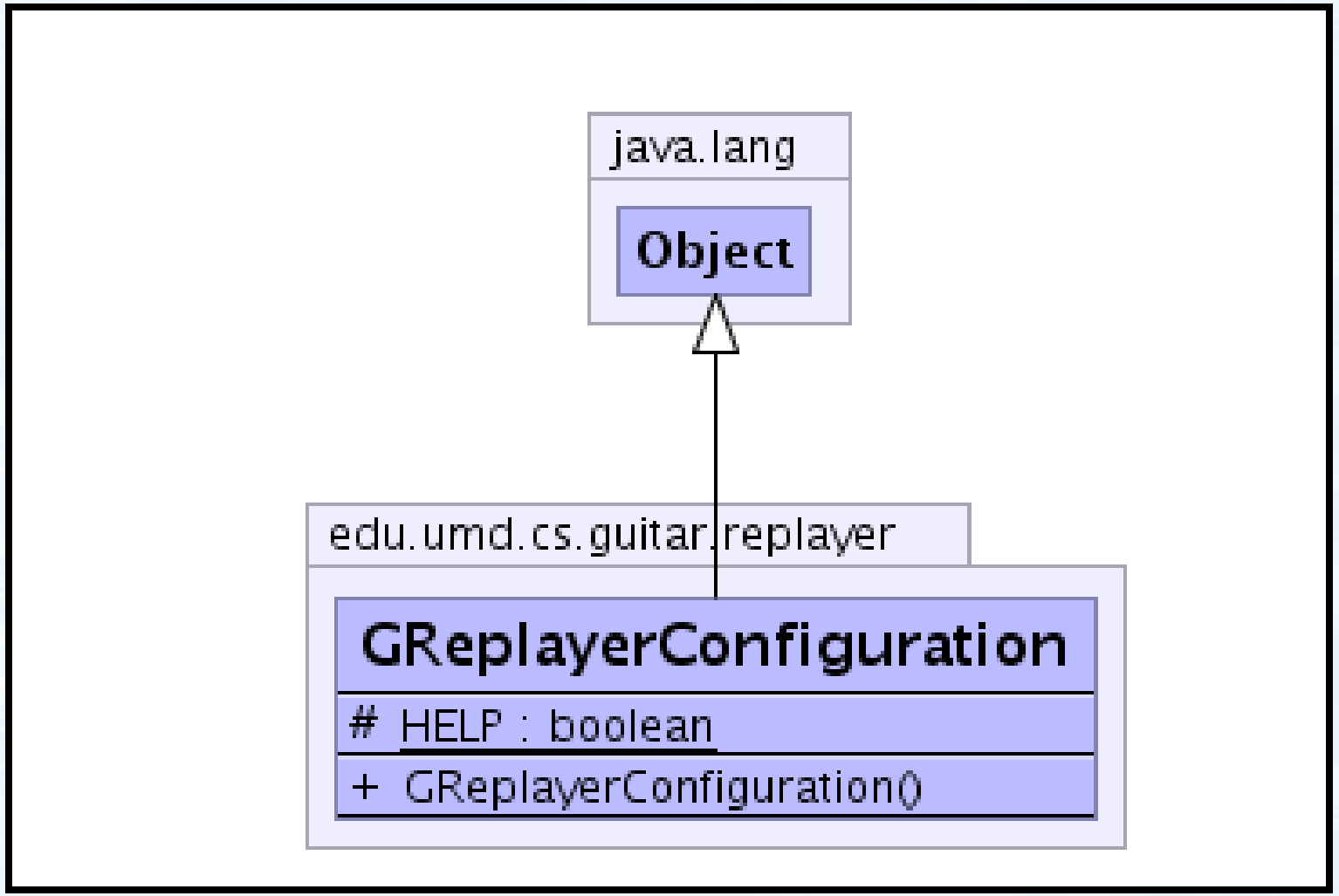


JFCGUIReplayer Requirements

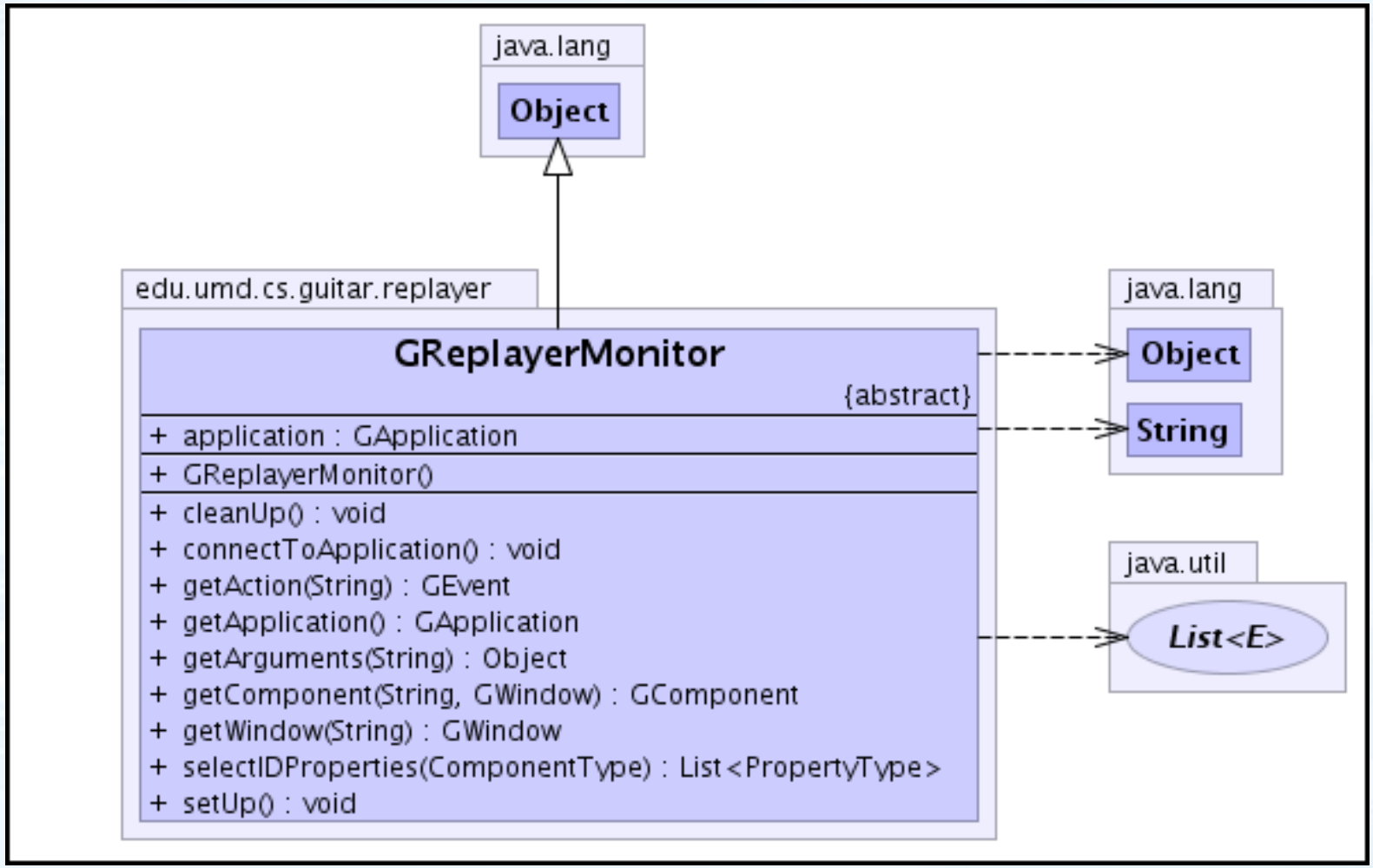
- Files
  - GUI
  - EFG
  - .tst files
- Environment Integration
  - Apache Ant
  - Java
- Properties File

JFCGUIReplayer

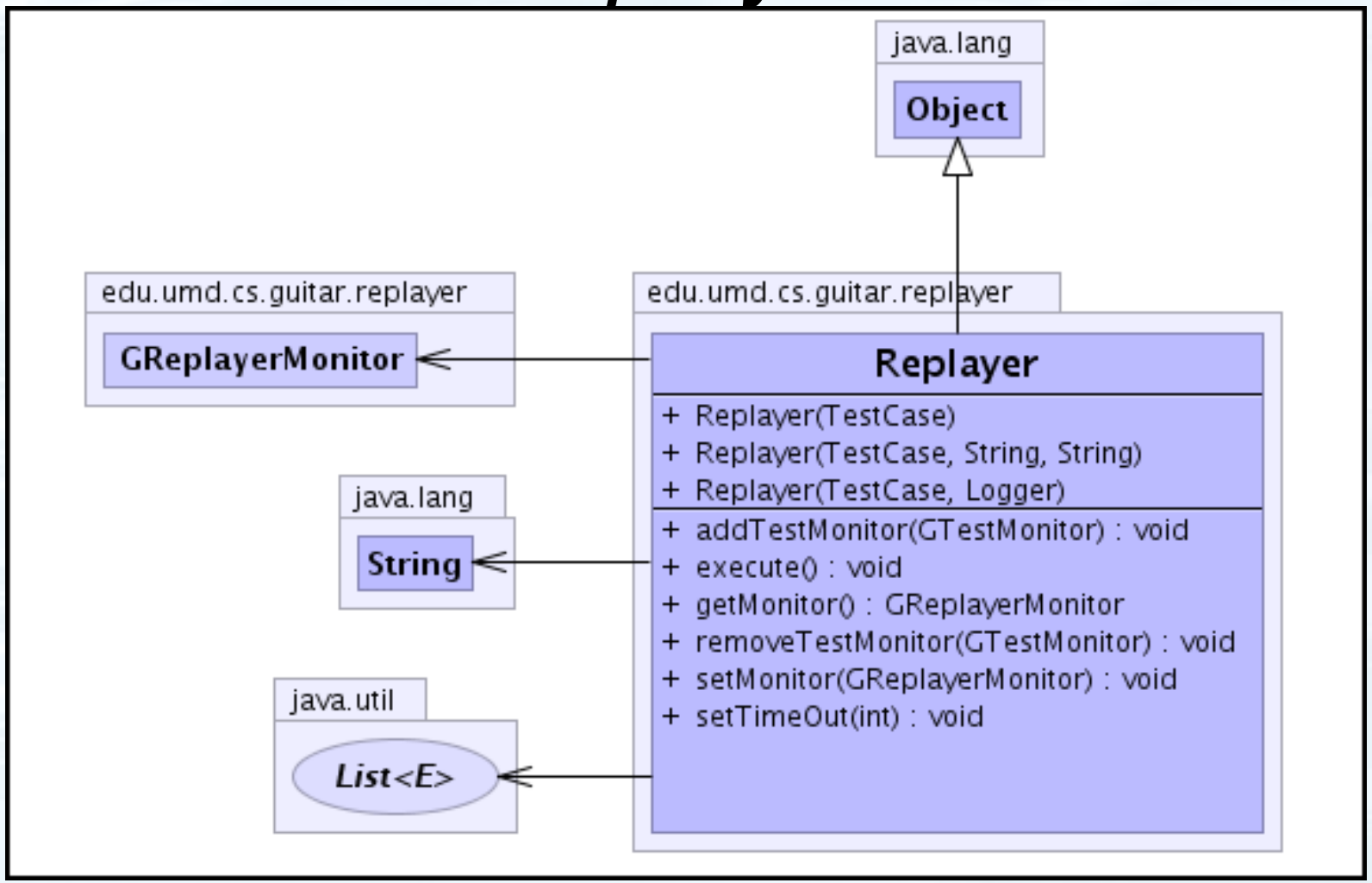
GReplayerConfiguration



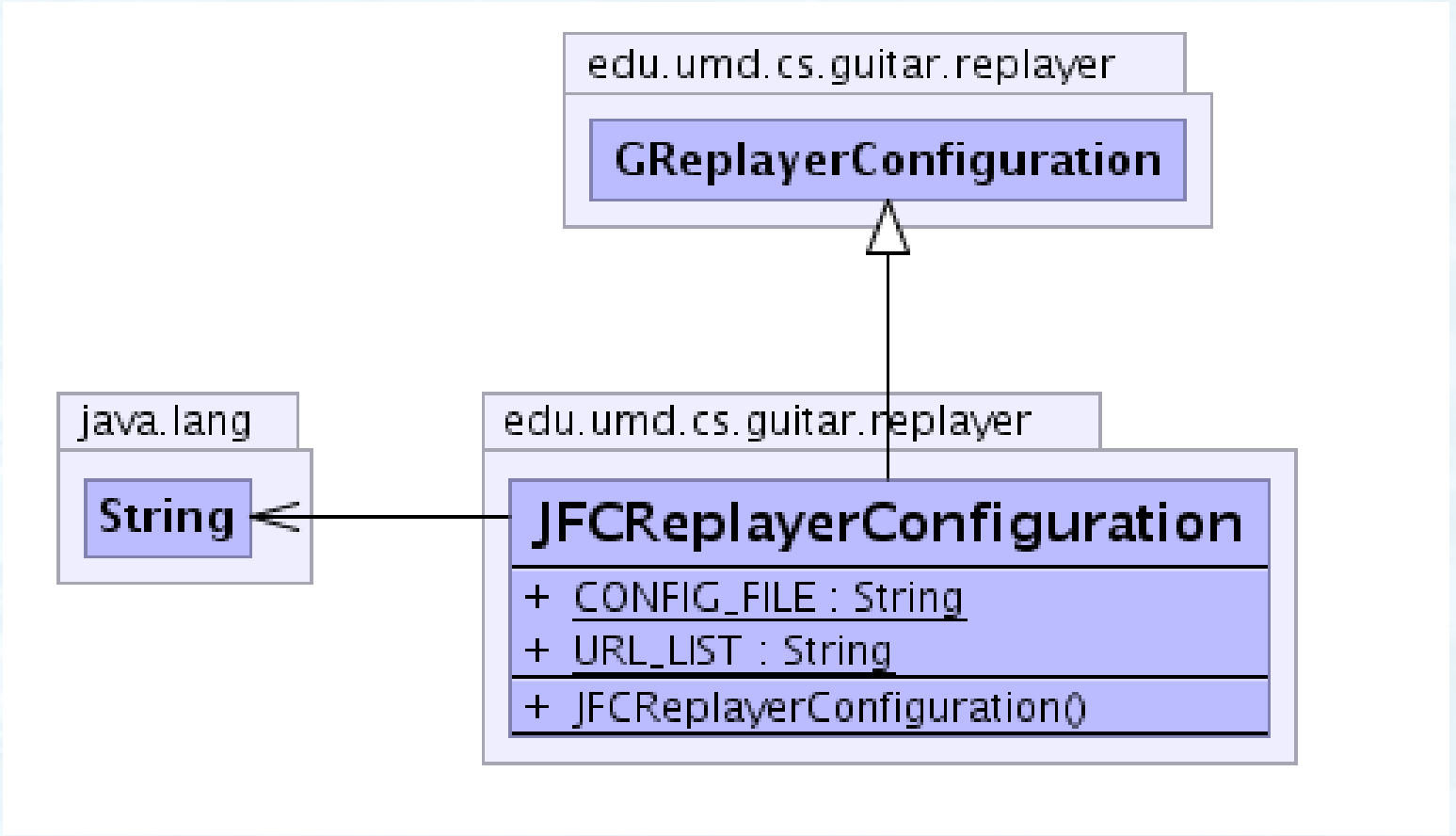
GReplayerMonitor



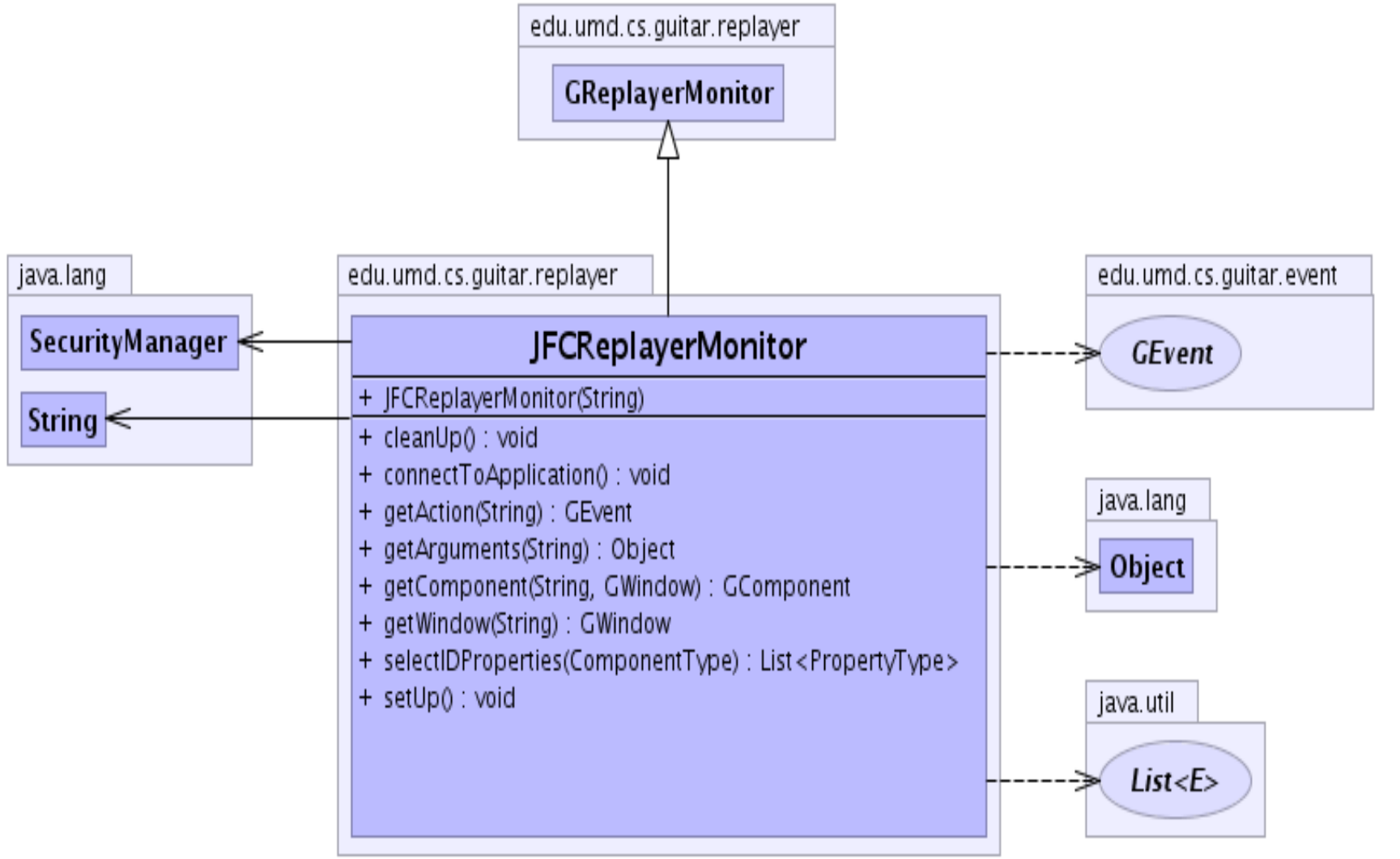
Replayer


java.lang
Object
edu.umd.cs.guitar.replayer
GReplayerMonitor
edu.umd.cs.guitar.replayer
Replayer
+ Replayer(TestCase)
+ Replayer(TestCase, String, String)
+ Replayer(TestCase, Logger)
+ addTestMonitor(GTestMonitor) : void
+ execute() : void
+ getMonitor() : GReplayerMonitor
+ removeTestMonitor(GTestMonitor) : void
+ setMonitor(GReplayerMonitor) : void
+ setTimeOut(int) : void
java.lang
String
java.util
List<E>

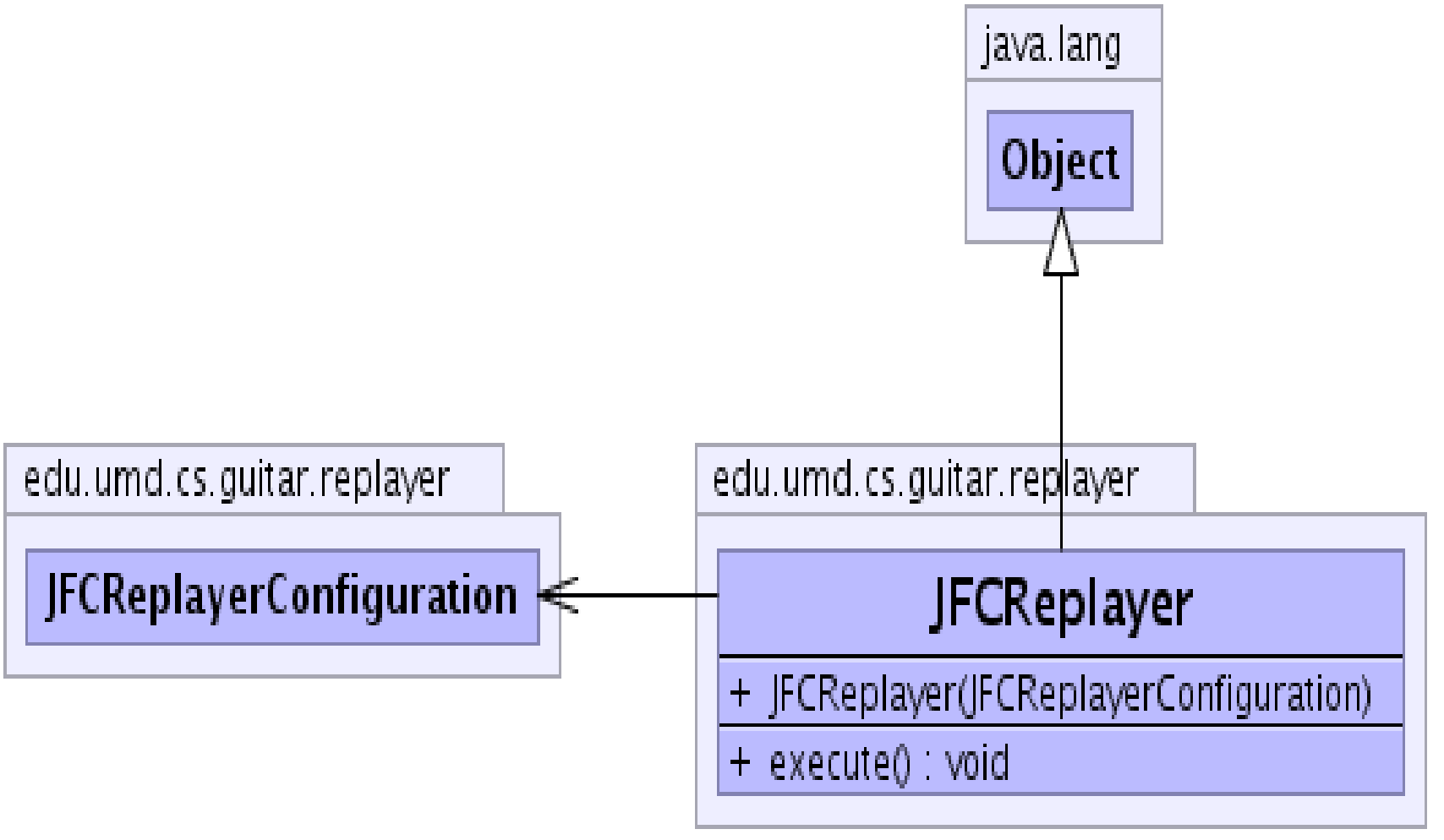
JFCReplayerConfiguration



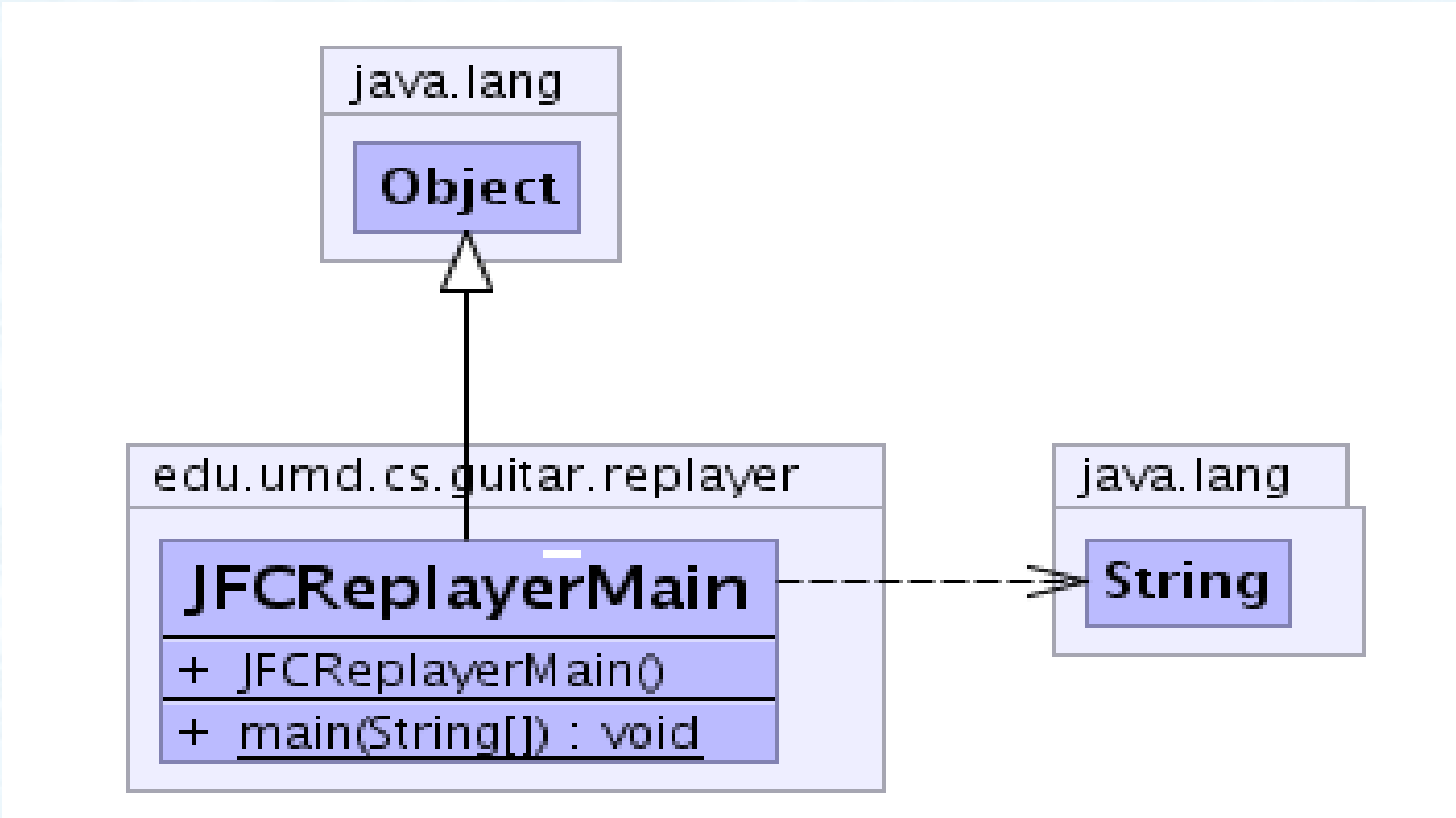
JFCReplayerMonitor



JFCReplayer

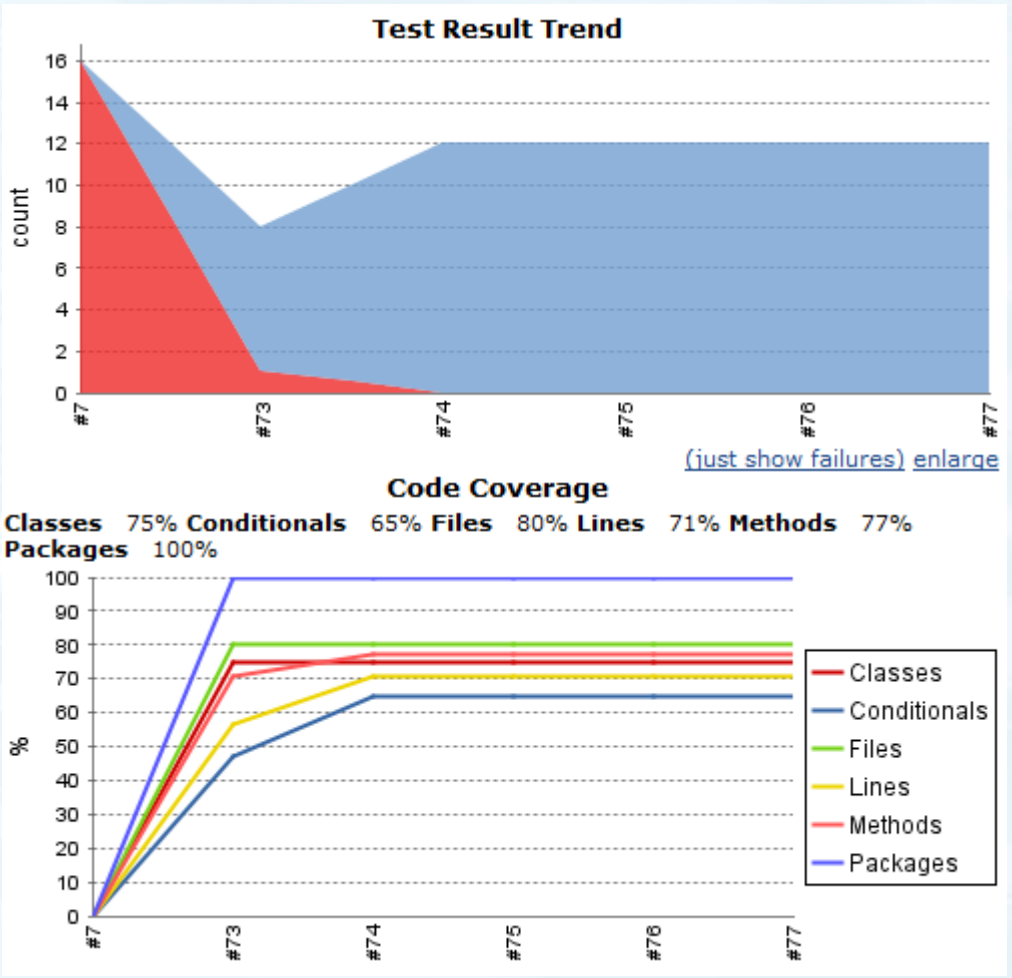


JFCReplayerMain



Server Tests

- Integration
- Large System
- Small System
- Unit Core
- Unit Plugin



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Questions