

83

```
System.out.println(gameBoard.displayGameBoard() + getGameResult() + "\n");
```

Replace this use of System.out or System.err by a logger. [...](#)

 Code Smell  Major  Open Not assigned 10min effort

11 days ago ▾ L83 

 bad-practice, cert

[TechDebt] ELK

in list [Discovery & Spike](#)

SP

13

Description [Edit](#)

After the code review we've the technical debt to fill about the logging. Looking to the PO Vision to have a future history result and replay is a good discovery spike to explore the ELK framework integrated into the app.



Attachments



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Refinement Items

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Install ELK Server (IaaS or CaaS)

Setup the logstash agent client side (Lumberjack, queue, etc. ?)

Setup the logger framework and create the log encapsulation engine



Activity

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Michele Brissoni

necessary to spike on it to reduce the estimation value on something more simple. Epic TechDebt that need to be refined into smaller task D.o.R. compliant.

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