

OOPsie Meeting

OOPsie

LP1, 2021

Meeting participants: Love Lindqvist, Simon Johnsson, Axel Larsson, Simon Engström, Petter Blomkvist (Late but joined in during discussion over discord)
Facilitator: Simon Engström
Date: 2021-10-19

§1 Meeting startup

How is everyone?

Axel is a bit stressed about the project. Simon E is feeling fine. Simon J feels like has just caught a cold. Love feels fine.

Meeting objectives

- Set up plan for last week of the project.
- Discuss peer review feedback.
- Discuss workload distribution.
- Bring everyone up to speed on project status.

§2 Reports

1. Notification-functionality
 - (a) Finished? - No, in progress. Well on its way to be finished before deadline.
 - (b) Issues? Has had some designing issues, although solved now.
2. Tests have been improved for classes in model that previously did not have high coverage.
 - (a) Finished? - No
 - (b) Issues? Some, will be discussed later.
3. VCF-parsing improvements.
 - (a) Finished? Yes, just continually extending the functionality.
 - (b) Issues? Had some with contact creation, now resolved.
4. Combined EventCreationCard and EditEventCard to the same component to improve code reuse and modularity.
 - (a) Finished? - Yes.
 - (b) Issues? Some with regards to how it should behave when creating an event through the pane, but now resolved.

§3 Discussion items

1. Discuss feedback
2. Remove CreateEventCard/EditEventCard - Since they are combined?
3. Test observer functionality in the unit tests?
4. Open attachments in file system and address in browser, struggling on linux. The awt Desktop class doesnt seem to be well supported on linux.
5. ContactList overloads addContact with a ContactCache as parameter?
6. Tests for cache functionality? We need the coverage?

§4 Outcomes and assignments

1. Feedback:
 - First of all: A lot of great feedback and we really got a lot of praise, which is fun.
 - EventList/ContactList should return a shallowcopy of the list instead of a reference to the actual list - We completely agree, we now see that that would work.
 - User returns whole mutable objects (EventList/ContactList/TagHandler), breaking the law of demeter? But it seems unavoidable - We agree that immutability is preferable, and in this case it could be achievable by sending the new object to all its observers through an onEvent parameter. We will explore this alternative if we find time to do it. Right now we have a lot of functionality left to implement.
 - Is there any reason to singleton most of the classes? We would prefer not to limit ourselves to only being able to have one of some classes, especially since we are currently looking into multi-user functionality. The services already are singleton.
2. We have decided to remove EditEventCard and EventCreationCard since they are replaced by the EventCard component. Code reuse.
3. We decided to implement Observer tests.
4. We will look further into the linux issues. Petter's guess is that OpenJDK version is faulty since the error thrown is a library-loading error thrown to OpenJDK-awt.
5. Love uses the cache constructor to create contacts through his VCF-parsing service. Although he could solve it if he finds time.
6. We want to write tests for the cache methods in the model, the coverage would be nice.

7. Everyone will try to finish US as fast (and good) as possible now. When done, they will start to look over everything administrative (diagrams, documents etc.).

Assignments

- Love will create a package of VCF files so that testing in runtime is faster and does not require manual addition of contacts. After that probably some administrative work.
- Simon E will begin work on the statistics US.
- Axel will look into linux issues and write more tests.
- Petter will continue implementing the user-wizard functionality.
- Simon J will continue his work on Notifications.

§5 End of meeting

Next meeting: Eventually friday, we will see after the supervisor meeting on thursday.