Project OSL

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The Client

The Problem

- Localization is *hard*
- Localization is *costly*
- Localization is *necessary*

- *There has to be a better way...*

Omni Group
Upgrades by Language

Language	
English	74.4%
German	6.0%
French	5.3%
Japanese	5.0%
Spanish	2.3%
Other	2.3%
Italian	1.9%
Dutch	1.4%
Chinese	0.7%
Portuguese	0.4%
Norwegian	0.4%

[Omni Group Oct09]
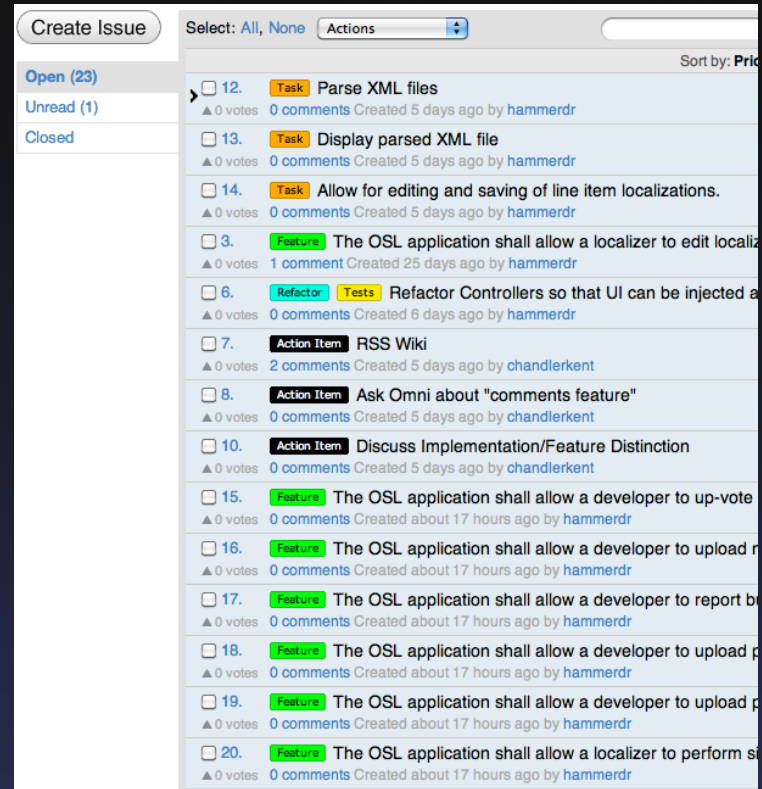
The Solution

Omni Software Localization

- Web Application built on Cappuccino
- Localization of OS X apps
- Community of localizers
- Connect localizers and developers
- Reward system for users

Features

- Add and edit localizations
- Vote and comment on others' localizations
- Provide localization support feedback to developers
- Recognize leading community members
- Download and apply localizations to current software

Current Status

- Initial Document Review
- Document Sign-off
- Initial Prototyping Completed
- Finishing Release Cycle 1
- Created tools:
  - EngJourneering
  - Action Items
  - OJMoq

"These look good for a starting point to discover what we've missed — Ship it! =)"   *Tim Wood*

Team Process

Daily SCRUM

Code Reviews

Code Dojo

Agile

TDD

Low Overhead

Pair Programming

Development Process

xkcd.com/140

1. Cycle Planning
2. Identify & Mitigate Risks
3. Prioritize Features
4. Identify & Describe Use Cases
5. Prototyping
6. Development
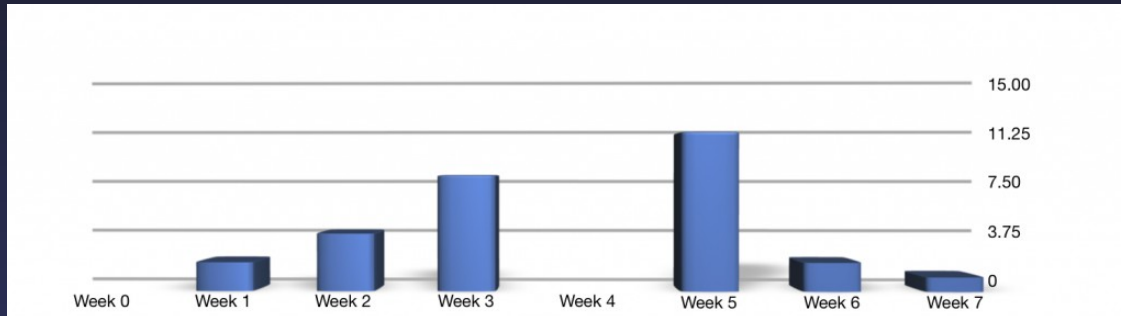7. Testing
8. Refactoring
9. Push Release

Metrics

- Tracking Process, Product, and Communication Metrics
- Process and Product Metrics are tracked per release
- Communication Metrics are tracked per week

Release 1 Metrics

Disclaimer: At time of writing, Release 1 was not complete

- Tests / Method: 0.767
- Methods / Class: 2.867
- # of Tests: 33
- # of Internal Seminars: 2
- # of Code Dojos: 2
- Communication Metrics:

Future Plans

???

Demonstration

EngJourneering

OSL

Links

- http://github.com/hammerdr/Omni-Software-Localization/
  GitHub repository for our project

- http://github.com/chandlerkent/EngJourneering/
  Twitter, GitHub, RSS aggregator for engineering journals

- http://twitter.com/projectosl/
  Twitter account with project updates

- http://klondike.csse.rose-hulman.edu/
  Test server located on Rose-Hulman campus