

# 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	
<u>Upgrades by Language</u>	
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

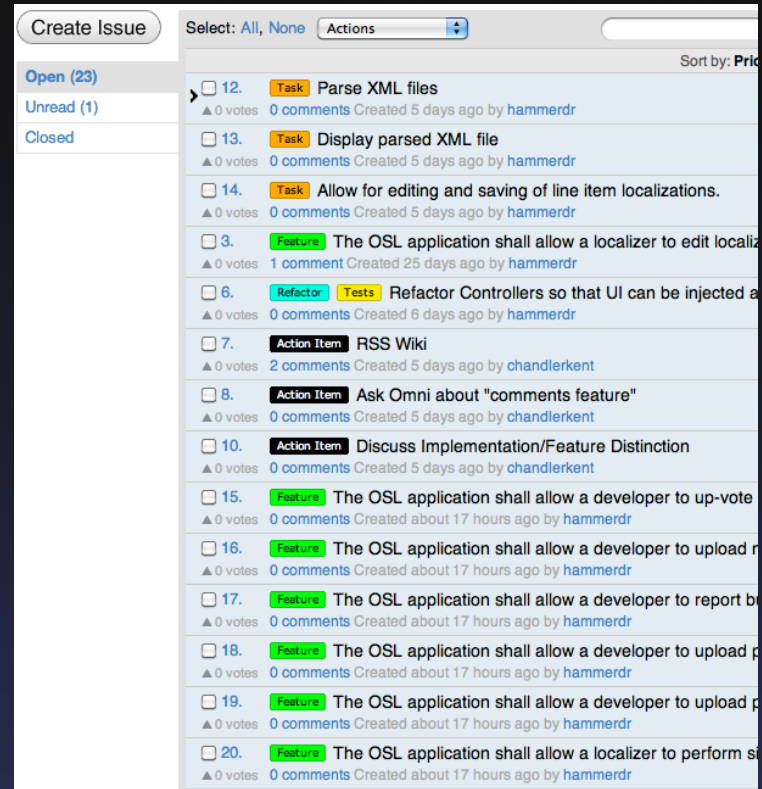


- Web Application built on Cappuccino
- Localization of OS X apps
- Community of localizers
- Connect localizers and developers
- Reward system for users

This presentation brought to you by the Cappuccino application 28oSlides.

# 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

## Pages

- Advisor Meetings
- Client Meetings
- Contact Info
- Definitions
- Features
- Home
- Initial Proposal
- Journals
- Metrics
- Problem Statement
- Project Plan
- Project Risks
- Release Cycles
- Requirements and Specifications
- Use Cases

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

"These look good for a starting point to discover what we've missed — Ship it!

=)"

*Tim Wood*

# Team Process

Daily  
SCRUM  
M

Code  
Review  
S

TDD

Code  
Dojo

Agile

Low  
Overhead

Pair  
Programming

# Development Process

I HAVE LEFTOVER CHEESE.  
I SHOULD GET CHIPS  
AND MAKE NACHOS.



I HAVE LEFTOVER CHIPS.  
I SHOULD GET CHEESE  
AND MAKE NACHOS.



A DELICIOUS CYCLE

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



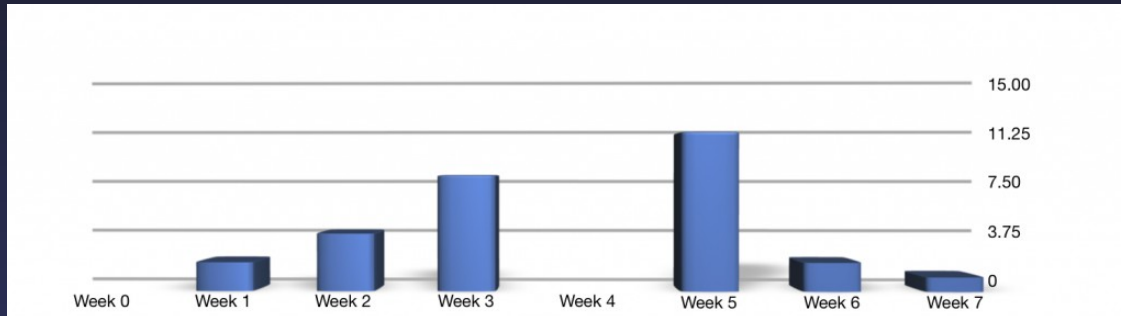
# Metrics

- 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

## *EngJourneying*

Caleb	Wed, 21 Oct 2009 17:22:43 GMT for 60 minutes. Fixed Klondike's auto-update github/twitter script woes. Hopefully. *crosses fingers*
Chandler	Wed, 21 Oct 2009 17:21:09 GMT for 0 minutes. More work in with team to prep for Week-7 Presentations.
Derek	Wed, 21 Oct 2009 17:20:09 GMT for 15 minutes. Advisor meeting <a href="http://bit.ly/OSL-advmtns">http://bit.ly/OSL-advmtns</a>
Kyle	Wed, 21 Oct 2009 02:52:20 GMT for 120 minutes. Team meeting to prepare for Week-7 Presentations

# OSL

**Welcome to Omni Software Localization!**



Import localizable files in order for them to be translated!

Start localizing applications from one language to another!

# Links

- <http://github.com/hammerdr/Omni-Software-Localization/>

*GitHub repository for our project*

- <http://github.com/chandlerkent/EngJourneying/>  
*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*