

Lisp in Summer Projects Submission

Submission Date	2013-10-02 01:28:56
Full Name	Zhou Honglin
Country	China
Project Name	Hortus
Type of software	web app
General category	utility
LISP dialect	Clojure
GitHub URL	https://github.com/ViciousPotato/Hortus
Did you start this project?	Yes, all the code is written by me
Project Description	I want to describe my project in this form.
Purpose	Everyone needs to read code now and then, this project is a annotation tool for code reading.
Function	Show source file in browser, annotate while reading it, save your thoughts.
Motivation	I have a lot of code to read. Sometimes I want to make notes.
Audience	Anyone, it can even be used to read normal text files.
Methodology	-Technologies used Compojure, Ring, Pygments, jQuery, Jeditable plugin and Markdown -Detail When a source file path is passed to this web app through URL, it will use pygments to syntax highlighting it, and then output it to the browser.

The user could edit the annotations for this file using Markdown syntax.

Conclusion

- Accomplishments
 - * It can read source files and syntax highlight it.
 - * User can edit annotations in browser.

- Future Plan
 - * Use html5 drag drop to open files
 - * Let the annotation be saved and identified by sha
 - * Let the annotation be more flexible, e.g. annotation can be applied to different parts of the source code, not as a whole
 - * Get deeper semantics of source files, providing navigation between source files.
 - * Export & share

Official

I have read rules and have abided by them.
I am 18 years of age or older.
I am not living in Brazil, Quebec, Saudi Arabia, Cuba, Iran, Myanmar (Burma), North Korea, Sudan, or Syria.