

College of Engineering Guindy

Anna University

Department of Information Science and Technology

PROJECT SUMMARY

TITLE:

Happy
Coding!!!

BY

(B.Tech IT – III year)

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Introduction:

We are developing a plugin for sublime text editor. The main function of this project is to reduce the time taken to debug an error with the help of internet and stack-overflow. This would be very usefull for novice and intermediate programmers and application developers.

Methodology followed:

Software developement model:

Since the project is a small one, we have followed waterfall model. In this model we have developing the whole project module by module. We are then unit testing it(manually) and intergrating them together.

Open Source philosophy:

We are making this project as an open sourced project This is being hosted on github and will be pushed to the sublime official repository that can be accesisable by all the sublime users.

Technique followed:

- We are using regular expression to find out what the output from the compiler is an error or the original output. Then after RegEx matching we could extract the keywords from the error and that could be used to query the stack-overflow.
- A single program can have multiple errors. This leads to a lot of questions popping up. This can be handled by taking one error at a time and fetching the answers for it from the web.
- The result from stack-overflow contains a lot of questions so they are sorted according to their answer and presented to the user. User can then select the relevant one.
- Each question in the stack-overflow also has a lot of answers for the single question, so we are sorting the questions based on the number of thumbs up.