Abstract

Email is one of the most important mode of communication among various members involved in development of software. More specifically the knowledge in emails is very useful to developers who will be involved in the development of different modules as well as fixing bugs in various modules. As software developers tend to switch over different corporate, providing knowledge to new developers is really tough. As email is the chief medium of interaction among members of project, all important information will naturally be available in emails but in an unorganized form. In this work, an approach is proposed to construct knowledgebase using the contents of emails. It is proposed to use K-Means clustering to categorize the information.
Here the value $K$ will be number of different projects handled by the concern. The paper describes the need for knowledgebase from emails, related work, proposed methods and its benefits. At present efforts are towards implementing the method.

References

- Seongwook Youn and Dennis McLeod, "A Comparative Study for Email Classification"; Proceedings of International Joint Conferences on Computer, Information, System Sciences, and Engineering (CISSE’06), Bridgeport CT, December 2006.
- Christian Bird, Alex Gourley, Anand Swaminathan, Mining Email Social Networks, MSR’06; May 22–23, 2006, Shanghai, China.

Index Terms

Computer Science

Data Mining
Keywords
Knowledgebase From Emails  Clustering Of Email Data  Email Categorization