Abstract

Code review process represents a common practice in software industry for checking product quality and reducing the number of defects deployed to consumers. To integrate well with the current accelerated trend in software development, there is a need for automation and simplicity, through tools, integrated in programmer's workflows. In this paper we present the primary motivations for software inspections and we introduce a support platform for managing this activity. The system is based on core code review concepts and is presented as a middleware for human interaction. Also, a communication framework was implemented, to ease information flow and management in the code review middleware.

References

- Shull F. e. a., "What We Have Learned about Fighting Defects".

Index Terms

Computer Science  Distributed System

Keywords

Code review  software engineering  plug-in