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