Collaborator

Collaboration Drives Innovation - One Solution for Better Peer Code and Document Review

Find defects early, improve quality. Encourage collaboration, build teams. Deliver high quality code faster.

Collaborator, the only solution purpose-built for code and document review, makes the review process easy and fast. By extending the review style developers use to review code to documents and other artifacts, Collaborator allows users to provide comments and feedback to documents and other artifacts in a manner that invites collaboration. With Collaborator, reviewers can see a central view of the document or code file and offer feedback and comments without changing the content of the original document or file. You save time by revising your code or document as you read consolidated comments and feedback.

Improve Code Design and Quality

Using Collaborator for code review helps teams enhance software quality by making it easy for members to work together to identify defects, engage in peer review and improve the overall code base.

◆ More defects found by development, before QA and the Customer.

◆ Collaboration among developers and sharing of best practices.

◆ Review source code, requirements, test plans and user stories.

Problem: Measure return on investment from peer review

Solution: Initiate and track peer review costs and time savings

Collaborator Results: Return on investment is **10-to-1 & saved $21.4 million per year.**

Improve agility through Collaboration Across Functional Teams and Locations

Effective collaboration across locations, functional roles and teams can often be difficult, making the code review process needlessly challenging. By making it easy for team members to work together on code, exchange documents and instantly see changes made by others, Collaborator is the code review tool for enabling collaboration — no matter where team members are located.

◆ Product managers, developers and QA are all kept up-to-date.

◆ Distributed teams can support one another.

◆ Changes can quickly be reviewed by anyone available.

Generate Metrics to Improve Process and Verify Compliance

Generating metrics and reports from your code review tool is critical, whether for measuring internal performance or to meet regulatory or compliance standards. Collaborator provides both high level and detailed reports that include the status of pending code reviews as well as detailed audit trails.

◆ Quickly provide audit reports for regulatory and compliance standards.

◆ Track the success of reviews.

◆ Review details located in one place.
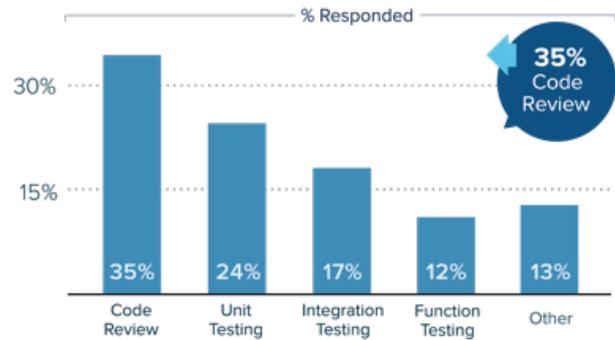
Accelerate Team Member Onboarding

Developers usually have unique knowledge around portions of the code base, but what happens when one of them is on vacation, or moves on? An understanding of the overall code is critical for long term maintainability and code quality. Collaborator gives experienced developers an opportunity to coach younger team members, while providing up-and-comers valuable experience and exposure through code review.

◆ Extended development team collaborates and reacts to change.

◆ Greater knowledge of the overall code base among developers.

◆ Quickly check the work of new team members.

Key Features Of Collaborator

◆ Review source code files, PDF and Microsoft Office documents, images, and URLs (HTML, Wiki, etc.)

◆ Threaded contextual chat links file changes, conversations and defects together.

◆ Eclipse, IntelliJ, and Visual Studio integration

◆ Supports 11 version control systems including GIT, Subversion, Perforce and more.

◆ Supports multiple clients (Web, CLI, cross-platform GUI)

◆ Understand quality thresholds with code review metrics and customizable reports

◆ Conform to regulatory compliance with Electronic signatures, audit and change logs

◆ Integrate code review with other systems using a JSON API

◆ Support all types of development methodologies — waterfall, Agile, whatever you prefer.

◆ Focus on the file content, not the process tedium, as Collaborator automatically captures review metrics.

◆ Align code reviews with products/versions and specific sprints/releases to track defects and quality improvements with ease.

What Do You Feel is the Number One Thing a Company Can Do to Improve Code Quality?

% Responded

- 35% Code Review
- 24% Unit Testing
- 17% Integration Testing
- 12% Function Testing
- 13% Other

Supported Environments

Platform
Microsoft® Windows®, Mac OS® X, Linux®, Solaris®, BSD

Version Control Integration
AccuRev®, CVS, Git®, Mercurial, MKS Integrity™, Perforce™, Rational® Clearcase (including ClearCase Remote Client), Rational Synergy, Rational Team Concert, Subversion, and Team Foundation Server

Eclipse Plug-In
Eclipse™ v3.4 and higher

Visual Studio Add-In
Visual Studio® 2005 and higher

IntelliJ Plug-In
IntelliJ IDEA 14 and higher

Try Collaborator Free for 30 Days!

Download your free 30-day trial to see why users choose SmartBear for peer code review. Visit:

www.smartbear.com/collaborator

About SmartBear Software

More than two million developers, testers and operations professionals use SmartBear tools to ensure the quality and performance of their desktop, mobile, Web and cloud-based applications. SmartBear products are easy to use and deploy, are affordable and available for trial at the website. Learn more about SmartBear, the company's award-winning tools or join the active user community at http://www.smartbear.com, on Facebook or follow us on Twitter @smartbear or Google+.