Collaborator
by **SMARTBEAR**

One Tool for Better Peer Code and Document Review

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

Collaborator, the only tool 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.

◆ **Continuity across teams:** Everyone can see the always current document version, so you never have to worry about whether feedback is applicable

◆ **Asynchronous reviews:** Everyone can see everyone's comments— all at the same time. Visibility into all the comments and feedback allows reviewers to comment at their convenience and saves you the trouble of reading through duplicate comments

◆ **Highly customizable workflows and metrics:** Everyone can collaborate together without meetings. Insight into the collective perspective invites discussion among reviewers that can make their feedback even more valuable.

◆ **Audit trails:** You don't spend large amounts of time reconciling feedback before you can revise your content.

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 and Visual Studio integration

◆ Supports 16 version control and bug-tracking systems including ClearCase Remote Client, Perforce and Git

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

◆ Understand quality thresholds with code review metrics and customizable reports

◆ Track comments and defects accurately even when code line numbers change

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

◆ Integrate code review with other systems using a SOAP API

Improve Product Quality at the Source

Use Collaborator to review code, artifacts, Microsoft® Office and PDF documents and images in a fifth of the time needed with formal reviews. Collaborator integrates easily with your existing de¬velopment environment and processes to simplify and expedite peer review for your team. You'll find bugs early in the product lifecycle (before the product reaches customers or even QA), while the bugs are the least expensive to fix.

With Collaborator you interact in ways that are comfortable—carry on conversations directly in the code or artifact and chat online. Automated audit trails and metrics reports give managers the resources necessary to measure and control the development process. Offshore teams and new team members get up to speed quickly and contribute quality code sooner.

Try Collaborator Free for 30 Days. Visit: www.smartbear.com/collaborator

Collaborate & Team-Build

Collaborator's structured "IM-style" framework ties com¬ments directly to the code or artifact to help developers communicate in a way that's natural to them. This environment encourages discussions about how to improve the code and ultimately results in more frequent team interaction. Collaborator works equally well whether the participants are separated by an ocean or by just a few offices. Using a tool that facilitates discussion, your team can work together instead of in isolation, learning from each other, finding bugs, and designing the best possible solutions to challenging issues.
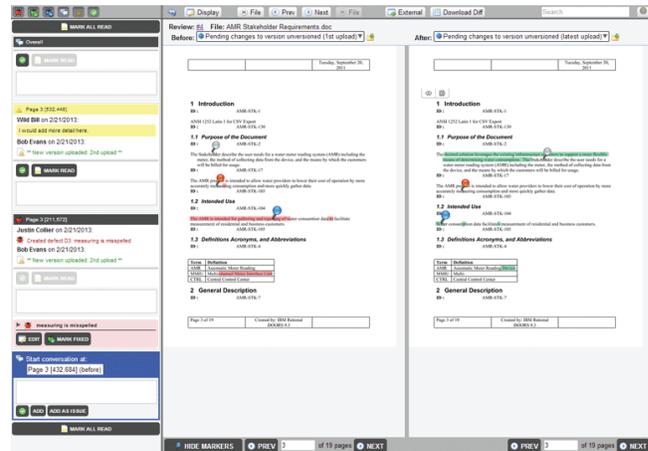
Save Time and Enhance Productivity

For every hour of inspection using Collaborator, development teams can save about 20 hours of testing and QA (Ag-gregated results from world's largest code review case study).

Collaborator's click-and-comment, chat-style interface makes code and artifact reviews fast, efficient, and even fun! Authors can package code for review, upload files from version control with a single click, and select and notify reviewers easily.

◆ See before and after views of the code or document, juxtaposed for easy comparison.

◆ View automatic highlights of differences, keeping conversations matched and correlated – even when line numbers change.

◆ 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.

◆ View full audit trails of all conversations and metrics.

◆ Bring task-focused interface technology to code reviews with the Tasktop-certified Eclipse Mylyn Connector.

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

◆ Work the way you want using Perforce shelvesets.

Support Best Practices and Compliance

Built-in structure and workflow automatically directs your team toward peer and code review best practices. System administrators can customize workflow, rules, and fields. Audit trail and reporting features help development groups meet regulations and com¬pliance mandates, such as Sarbanes-Oxley, security audits, the FDA's General Principles of Software Validation, and corporate initiatives that require code review (i.e., CMMI). Teams can also use Collaborator to meet more specialized standards (i.e., Title 21 CFR, DO-178C and DO-254, and ISO 26262.)

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

Supported Environments

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

Version Control Integration
AccuRev®, CMVC, CVS, Git®, Mercurial, MKS Integrity ™,Perforce™, Rational® Clearcase (including ClearCase Remote Client, Rational Synergy, Rational Team Concert), Subversion, Vault, StarTeam®, Surround SCM™, Team Foundation Server, and Visual Source Safe®

Eclipse Plug-In
Eclipse™ v3.4 and higher

Visual Studio Add-In
Visual Studio® 2005 and higher

About SmartBear Software
More than one 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+.

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