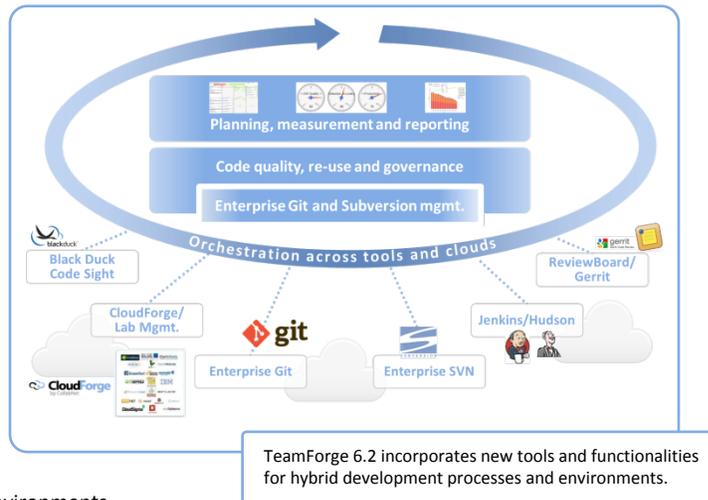# What's New with CollabNet TeamForge 6.2:
Integration, Visibility and Reporting

TeamForge

Overview

CollabNet TeamForge is the industry's most complete and open platform for building and deploying vital applications by distributed teams. With the latest release, TeamForge 6.2 delivers on CollabNet's enterprise cloud strategy by incorporating new tools and functionality to help IT organizations better manage, collaborate and drive value using hybrid development processes and environments.

TeamForge 6.2 incorporates new tools and functionalities for hybrid development processes and environments.

Significantly, TeamForge now offers the industry's only combined platform for Git and Subversion usage and management. Other new features include integrated code review and search, and enterprise planning and reporting to help deliver hybrid development processes and DevOps both on-premise or across any cloud – private, public or internal.

Key Benefits

Cost reduction through consolidation of tools and simplification of administration

Security and compliance with central authentication, roles and permission management across code repositories and tools

Improved staff productivity through integrated code reviews and more effective code re-use

Better foresight, less risk with actionable insight into development and deployment processes

Enterprise-grade Git and Subversion Management

TeamForge's newly added Git Distributed Version Control System (DVCS) capabilities work alongside the existing Subversion capabilities, making it possible to achieve enterprise-wide development coordination, release practices and governance across a hybrid mix of SCM technologies and SCM server locations. Git and Subversion access is governed within TeamForge to enable project security and compliance across the organization via a rich set of roles-based access controls. In addition, TeamForge also embeds Gerrit, a leading code review and security management tool to deliver fine grained permissions for Git. Key capabilities include:

- **Central repository management:** Centrally manage all of your Git and Subversion repositories. Govern access, and create and configure secure, distributed repositories from one central web console. Manage repositories yourself on-premises, or let CollabNet manage them for you with CloudForge.

- **Full traceability and workflows:** Trace code commits for Git and Subversion, and automatically associate commits to tracker artifacts. Incorporate code commits into development and delivery processes, on-premise and in the cloud.

- **Security and permissions management:** Manage authentication, SSL encryption, role-based access control (RBAC) and granular permissions. Also take advantage of the native security management features of Gerrit, deeply embedded into the TeamForge platform.

- **Search and browsing of code repositories:** Browse Git and Subversion code repositories using the embedded tools, GitWeb and ViewVC, and search and discover code using Black Duck® Code Sight™.

Code Quality, Re-Use and Governance

By adding in Gerrit, ReviewBoard, and Black Duck Code Sight, TeamForge provides a rich set of capabilities to improve developer productivity, with code review and automated search and discovery. Deeply embedded into the TeamForge platform, code reviews also can be incorporated into automated processes for continuous integration and delivery. Key capabilities include:

- **Code review management:** Simplify code reviews, using embedded tools ReviewBoard and Gerrit. Associate reviews with artifacts and other ECD (enterprise cloud development) objects. Govern reviews with roles and permissions management. Provide inline comments in diffs, annotate with screenshots, and facilitate dialogues amongst peers.

- **Code-Search with Black Duck Code Sight:** Discover and reuse code across projects, with Black Duck Code Sight functionality, deeply embedded into TeamForge global search. Find code snippets and relate back to commits, files and artifacts. Search is securely governed by central access control and permissions management.

Planning, Measurement and Reporting

TeamForge now provides improved organization-wide planning, measurement and reporting to support DevOps processes. The ECD datamart collects metrics across tools and clouds to provide executives with integrated dashboards and detailed reporting. In addition, new Agile reporting and planning provides story point burn-downs, planning by flexible units and graphical task boards. Collectively, the new capabilities help teams deliver high-quality applications on-time and on-budget, and provide new visibility and actionable insights for optimizing resource allocation to improve software quality and reduce compliance risks. Key capabilities include:

- **Packaged and custom dashboards:** Gain instant visibility, site-wide aggregated across projects, or into individual project detail. Choose between multiple graphical displays or reporting formats. Furthermore, team up with CollabNet Labs, to deliver dashboards and reports based on your specific needs. Jump-start reporting programs using best practices templates.

- **Open ECD datamart:** The pre-built, scalable datamart is populated automatically, making available both aggregated and detailed information from your development and deployment processes. The datamart is equally accessible by CollabNet tools and most third party reporting tools.

- **Multi-unit planning, and graphical task boards:** Increase planning flexibility, with unit conversion functionality that lets you plan by story points, days, rocks or customized units. Also, implement agile task management across distributed teams and visualize project status with interactive task boards, within IDE's (Eclipse, Visual Studio) or desktops (Windows, Outlook).

Orchestration Across Tools and Clouds

In addition to newly added open source tools, including Git, Gerrit and ReviewBoard, and commercial partner tools, including Black Duck Code Sight, TeamForge also provides significant enhancements to its Jenkins/Hudson integration. Also, TeamForge extends cloud capabilities with online code backups to CloudForge, and tight integration with TeamForge Lab Management. Key capabilities include:

- **REST for TeamForge Connect™**: TeamForge Connect now supports REST based applications, in addition to SOAP. As before, you have the choice to synchronize your tools, or to deeply embed your tools into TeamForge. With TeamForge 6.2, CollabNet already embedded many tools for you.

- **Online cloud backup for code**: Secure your code with automatic backups to the cloud. Through the integration with CollabNet Subversion Edge, you can schedule automatic code backups to CloudForge.

- **Provisioning of Dev / Test / Run Clouds**: TeamForge 6.2 integrates with the latest release of TeamForge Lab Management. Auto-provision and manage hybrid cloud infrastructure, across up to 25 public cloud platforms, private clouds and on-premises machines.

Integrate into your Landscape

Desktops and IDE's – access TeamForge from with your favorite IDE or client, including Eclipse, Visual Studio, Web browser or Microsoft Outlook

Certified Integrations – integrate with a wide choice of open source- and 3rd party plug-ins, or build your own integration with our toolkit

Implementing Enterprise Cloud Development with CollabNet

As the pioneering leader in ALM solutions, CollabNet offers you a proven, powerful and scalable platform that lets you gain the greatest results in distributed software development. With a reliable, high-performance environment to drive your success, CollabNet's integrated products meet your toughest development demands without fail.

Learn more at http://www.collab.net/teamforge6.2.

Topics trending now

Many of the latest technology announcements have implications for PaaS and cloud development that will serve agile businesses everywhere.

- TeamForge 6.2,
  www.collab.net/teamforge6.2

- Enterprise Git,
  www.collab.net/gotgit

- Enterprise Cloud Development,
  www.collab.net/ecd

About CollabNet

CollabNet is a leading provider of Enterprise Cloud Development and Agile ALM products and services for software-driven organizations. With more than 10,000 global customers, the company provides a suite of platforms and services to address three major trends disrupting the software industry: Agile, DevOps and hybrid cloud development. Its CloudForge® development-Platform-as-a-Service (dPaaS) enables cloud development through a flexible platform that is team friendly, enterprise ready and integrated to support leading third party tools. The CollabNet TeamForge® ALM, ScrumWorks® Pro project management and SubversionEdge source code management platforms can be deployed separately or together, in the cloud or on-premise. CollabNet complements its technical offerings with industry leading consulting and training services for Agile and cloud development transformations. Many CollabNet customers improve productivity by as much as 70 percent, while reducing costs by 80 percent.

For more information, please visit (www.collab.net).