What’s New with CollabNet TeamForge 7: TeamForge Orchestrate

Overview
As software development grows in size and complexity, and the number of tools used in development spirals higher, it becomes more difficult to achieve traceability and compliance across the software delivery lifecycle. Inadequate traceability contributes to longer development times, budget overruns and lack of compliance.

TeamForge Orchestrate solves the dilemma of having to choose one monolithic platform over tooling flexibility in order to establish lifecycle associations, automated traceability and workflow. It aggregates data from many disparate tools and draws associations between activities within these systems so that traceability can be achieved.

Orchestrate extends the value of CollabNet TeamForge, providing automatic traceability across all stages of the application lifecycle – and tracks requirements, work items, commits, reviews, tests and builds. It provides teams a central hub for improving collaboration throughout the delivery process, simplifies project management, and provides a system of record for compliance.

Control Center for Delivery Pipelines
TeamForge Orchestrate establishes associations and automates traceability across disparate tools and clouds; measurably reducing cycle times and improving build and test process efficiency. It models development processes into pipelines for easier tracking, validation and visibility of development activities across the entire lifecycle.

- **100% Automated Traceability:** Traceability traditionally has been difficult to achieve in mixed tooling environments. TeamForge Orchestrate automates traceability across the lifecycle, regardless of the underlying tools. Trace forward and backward in the chain to find related work items, documents, discussions, commits, builds and reviews. Use the associations to optimize development practices.

- **System of Record for Compliance:** Ease the burden of compliance for your teams. TeamForge Orchestrate establishes an automatic system of record for all development activity, preserving the relationships between activities and embedded comments for each of the steps. Easily retrieve information for compliance reporting.

- **Standardized Delivery Pipelines:** TeamForge Orchestrate enables you to create standardized development pipelines for easier tracking and validation of development activities across tools – all organized in one place for a consolidated view. Track continuous integration (CI) / continuous delivery (CD) progress and cycle times. Monitor important developer activities like commits, reviews, tests and builds and show activity history with chronology of events. Display details of pipeline steps to validate tests have been completed correctly before proceeding to the next step – or to speed corrective action.
Social Continuous Integration /Continuous Delivery Activity Streams

TeamForge Orchestrate extends the open and collaborative capabilities of the TeamForge ALM platform with embedded social activity streams and graphical analysis tools. These capabilities help teams optimize and get the most value out of the CI/CD processes by enabling cross team communication flow that is linked in context to development data and activities in a structured, traceable and visual manner.

- **Social Activity Streams**: Orchestrate facilitates collaboration with embedded activity streams. Teams can add comments to important developer activities like commits, reviews and builds, and then link these comments and discussions to anything – artifacts, events, code or other activities. Strong collaboration, within and across teams, helps to cut cycle time, reduce errors and push releases into production faster. Activity streams add context to events – the “who” and “why” to the “what” and “how”.

- **Graphical Pipeline Analysis**: TeamForge Orchestrate includes an intuitive, graphical interface for visualizing activities you are monitoring. Interactive graphical displays help to quickly provide root cause analysis of build failures or let you trace back to previous events or associations for further insight. One click to discover answers to questions such as: “What broke my build? How was that code tested? And by whom?”

Orchestrate Your Tools of Choice Across the Lifecycle

TeamForge Orchestrate includes an easy-to-use integration model for automatically creating traceability links between TeamForge and third party tools, residing on-premise or in the cloud. No lock-in to proprietary vendor tools. Achieve rapid integration with your existing and future tools and applications.

- **Packaged lifecycle integration tools**: TeamForge Orchestrate includes pre-built integrations that are available to you as open source templates. Quickly configure your tools of choice into the development pipeline and manage the interactions of multiple teams.

- **Agent-based API’s for Rapid Tools Integration**: Create your own integrations. Agent based APIs make it easy to modify the integrations that are included to match your specific needs, or to build entirely new integrations to your chosen tools, no matter where they reside.

For more information on TeamForge and TeamForge Orchestrate

TeamForge Orchestrate addresses the challenges resulting from today’s increasingly complex software environments, allowing cross-tool data and cross-team activities and communication to flow in a structured, traceable and visual manner – empowering organizations to improve code quality and reduce cycle times. For more information on TeamForge Orchestrate and the new functionality available in TeamForge, please visit www.collab.net/orchestrate.

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).