

Borland® StarTeam™ 2008 Synchronizer

For HP TestDirector for Quality Center

EFFECTIVELY SYNCHRONIZE AND MANAGE DEFECTS ACROSS TEAMS

Today's software development teams are under intense pressure to accelerate the release process to meet time-to-market requirements while maintaining or improving quality. The release process involves a broad mix of contributors, including testing and development teams. Keeping these diverse teams coordinated while operating in a rapid development environment is a key challenge for many IT organizations today. The integration of Borland StarTeam® 2008 and HP TestDirector for Quality Center via the StarTeam® 2008 Synchronizer facilitates collaboration among these diverse teams of stakeholders, allowing them to work effectively, increasing team productivity, software quality, and project predictability.

OVERVIEW

The StarTeam Synchronizer is designed to provide the ability to synchronize defects between the StarTeam Change Request component and the TestDirector Defect Tracking module, that is, between the TestDirector database and the StarTeam database. Thus, it gives teams access to the latest information about defects, whether the defects are processed from TestDirector or from StarTeam. As a result, the integration with StarTeam improves the coordination and automation of activities for teams that use StarTeam as their configuration management solution and TestDirector for Quality Center as their test management solution.

Borland® StarTeam® provides a complete range of software change and configuration management capabilities designed to meet the needs of all development teams according to size, distribution and work style. A robust platform for coordinating and managing the entire software delivery process, StarTeam promotes team communication and collaboration through centralized control of all of the project's digital assets and activities. Protected, yet flexible access ensures that team members can work whenever and wherever they like through an extensive choice of desktop, IDE and command-line clients. StarTeam is a member of the Borland

ALM product family, which offers a uniquely comprehensive solution including; integrated change management, defect tracking, file versioning, requirements management, threaded discussions, and project and task management.

HP TestDirector for Quality Center is an integrated enterprise application for organizing and managing the entire testing process. As a comprehensive test management tool, it organizes and directs the quality assurance process in software development, ensuring broad coverage and effective testing. It provides support for gathering requirements, planning and scheduling tests, analyzing the results and managing defects and issues. TestDirector for Quality Center allows business processes to be translated into a comprehensive test plan that serves as a central point of control for Test Management.

By synchronizing defects between the StarTeam Change Request component and the TestDirector Defect Tracking module, the StarTeam 2008 Synchronizer for HP TestDirector for Quality Center helps to orchestrate the efforts of development and quality assurance organizations, resulting in increased team productivity, software quality, and project predictability.

Borland® StarTeam™ 2008 Synchronizer

FEATURES AND BENEFITS

Co-ordination —Users may define the fields to be synchronized in the two repositories by editing the synchronization property file and manage the workflow of defects independently in each product. This capability allows users to quickly and easily communicate information while working within their preferred environment, which translates to team efficiency and reduces the risk of poor communication and co-ordination, both elements of which usually results in additional cost later in the process.

Location independent — Operates over the TCP/IP protocol, allowing the synchronization of distributed repositories, thus supporting Geographically Distributed Development by bringing your Quality and Development functions closer together. By supporting the concurrent information needs of both testers and developers, cost effective testing processes becomes a reality.

Customizable — Allows users to tailor synchronization to match their company's internal processes. Users can define the fields to be synchronized in the two repositories. This capability sustains existing processes and minimizes disruption, thus saving money by increasing adoption rate.

Schedulable — Can operate as a daemon, periodically checking for changes in any of the repositories and executing the synchronization process. Users can schedule the synchronization process by using shell scripts, the Microsoft Windows task manager, or another third-party solution. Scheduling saves money by setting users free to focus on adding real value to the project rather than performing tedious and time-consuming routine maintenance.

SYSTEM REQUIREMENTS

- Windows Server 2003 SP2 (32-bit version)
- Enterprise or Enterprise Advantage edition of the StarTeam Server for Windows (2006 or 2008)
- TestDirector for Quality Center 9.0 or 9.2
- Java Runtime Environment , version 1.5.0_09 or later

Borland is the leading vendor of Open Application Lifecycle Management (ALM) solutions - open to customers' processes, tools and platforms - providing the flexibility to manage, measure and improve the software delivery process.