



HP Solutions Enhance Agile Methods for Application Delivery

New software and consulting services enable clients to deliver quality applications that rapidly accommodate business change

Overview

A recent [Forrester Consulting study](#) commissioned by HP⁽¹⁾ shows that 81 percent of organizations in Europe, 84 percent in Asia Pacific and 78 percent in North America, have adopted or plan to adopt Agile methods for application delivery. Agile is a methodology for developing quality software and supporting application modernization initiatives.

Expanding the company's [HP Software Applications portfolio](#) to enhance Agile methods are HP Sprinter and HP Agile Accelerator 4.0.

HP Sprinter accelerates application deployment by automating the data set-up process for testing. This speeds manual testing efforts, including exploratory testing techniques often used in Agile development.

HP Agile Accelerator 4.0 manages Agile development projects with predefined workflows and configurations that significantly simplify the application delivery process. It allows IT resources to deliver higher quality applications by facilitating testing within Agile methods. This enables IT teams to rapidly deliver the complex, composite Web 2.0 applications that the market demands.

HP Sprinter

Exploratory testing is critical to Agile development as it enables simultaneous test design, execution and learning. Rather than testing for expected results, exploratory testers seek behaviors that are difficult to predict prior to the start of testing. As a result, testers can identify defects faster. However, exploratory testers often do not supply enough information for developers to recreate and correct the defects they discover.

Accelerating manual testing with HP Sprinter enables customers to address this problem by recording the steps taken by an exploratory tester. When the tester logs a defect, relevant information is immediately communicated to the developer who can follow the recorded steps and reproduce the defect to be fixed. This rapid turnaround is imperative to quickly delivering applications in response to changing business needs.

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HP Agile Accelerator 4.0

HP Agile Accelerator 4.0 enhances collaboration among developers, quality assurance and business analysts. This software solution ensures that clients can meet their Agile delivery objectives without compromising quality. Based on [HP Application Lifecycle Management 11](#), [HP Quality Center](#) software and [HP Application Lifecycle Management consulting services](#), Agile Accelerator 4.0 manages development projects from initial requirements to production. New enhancements enable IT teams to:

- Increase efficiency by enabling testers to reuse unit tests created by developers through integration with Junit, NUnit and FitNesse. This enhances collaboration and communication between quality assurance (QA) and development professionals.
- Deliver applications faster and eliminate manual errors. HP Agile Accelerator 4.0 helps automatically initiate the build process with new support for integration tools including Cruise Control and Hudson.
- Provide management with greater visibility into complex, composite applications that require the support of multiple teams by delivering easily generated, comprehensive, on-demand reports.

HP Consulting Solutions for Agile

HP offers comprehensive services and expertise to support clients' application modernization initiatives with Agile practices. This enable clients to:

- Improve the success of projects with HP Application Lifecycle Management (ALM) Consulting Services for Agile, which are comprehensive assessment, design, implementation and management services for ALM and Agile strategies.
- Better support business objectives with the HP ALM Discovery Workshop for Agile, which helps clients define a roadmap and easily adopt Agile.
- Accelerate time-to-value with Agile Accelerator Packaged Implementation Services, which create tailored solutions for individual client needs and environments.

More information about HP Agile Accelerator is available at www.hp.com/go/agile.

- (1) A commissioned study conducted by Forrester Consulting on behalf of HP, "Clearing Your Path to Modern Applications and Business Agility, April 2010.

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