

AGILE ADOPTION WORKSHOP

RED HAT AGILE PRACTICE

DATASHEET

BENEFITS

- Become familiar with ways to improve time to market through proven methods and technologies.
- Reduce the learning curve through agile collaboration and effective leadership development.
- Learn to build applications that more easily and quickly conform to specifications.
- Learn to reduce costly defects through test-driven development and integrated QA approaches.

FEATURES

- Red Hat combines its legendary technical competencies with agility and agile application life cycle management.
- Red Hat's practice of continuous improvement ensures that inspect and adapt processes provide the transparency needed to manage continuous workflow.

AGILE DEVELOPMENT FROM REDHAT

The pace of technological change is increasing exponentially, and organizations need strategic resources to respond to this challenge. Red Hat® Consulting provides its clients with the software and professional services needed to improve time to market, reduce risk, and ensure quality. The agile adoption workshop is a one or two-day leadership meeting to collaborate with clients adopting agile development so they may realize the short and long-term benefits of agility.

AGILE CHALLENGES

Empirical process control offers development organizations the inspection, adaptation, and transparency needed to manage continuous workflows. Organizations adopting agile often apply team-level processes such as Scrum, eXtreme Programming, or Lean; however, to benefit from customer-driven processes, leaders need to become more informed, both within and outside of the IT organization. This portion of the agile adoption workshop allows leaders to first hear some of the agile approaches being employed by Red Hat and then participate in a conversation to set goals unique to their business challenges.

AGILE ESTIMATING AND PLANNING

Agile adoption begins with agile estimating and planning. Continuous workflow provides incremental releases of systems that yield maximum business value. Feature decay can be eliminated through the accommodation of change. Businesses are enabled to enjoy predictive schedules and budgets are met. Effective backlog prioritization produces work through iterations that is organized by business value, risk reduction, and organizational enablement. Cost of delay is mitigated by work-in-process and variability management techniques. The end result is that goals are achieved and the uncertainty typically associated with large development projects may be eliminated. Additional subjects are also discussed, such as mapping value streams to agile release trains, organizing funding processes, and streamlining gating techniques. Finally, proper practice for resourcing is also covered in this section of the agile adoption workshop.

AGILE TESTING

With orthodox agile approaches, quality assurance is not an afterthought. Testing is integrated into a collaborative team approach and acceptance criteria is captured in user stories and test scenarios. Through test-driven development techniques—such as behavior-driven development (BDD)—innovative automated testing is implemented into the practice of a daily build and continuous integration. Specification by example allows business stakeholders to collaborate and innovate with teams, and to use sprint reviews to guide ongoing development. Software that changes with the business and meets current and ongoing changes provides an adherence to requirements that meets compliance and governance needs. Beyond continuous integration is continuous deployment, which provides the automation needed to allow software developed on cadence to be delivered on demand. This section of the workshop covers these and other issues useful when establishing an agile organization.



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AGILE REPORTING

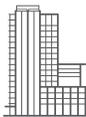
The agile value of prioritizing working software over comprehensive documentation requires that transparency is performed through empirical review of working software at regular intervals. Additionally, the ongoing development and prioritization of an agile backlog allows the reporting of burn-down charts, giving customers and other stakeholders the vision they need to manage risk and adapt workloads to ensure timely delivery. This section of the workshop provides tangible suggestions on how effective backlog automation and reporting may be used to eliminate reliance on inaccurate status reports and Gantt charts that often fail to reveal functional realities of the software being developed.

THE RED HAT CONSULTING DIFFERENCE

Straight from the Source - Red Hat Consulting teams have direct lines of communication into the Red Hat and JBoss support and product development organizations. Many of our consultants are also active contributors to the upstream open source community across all Red Hat and JBoss technologies.

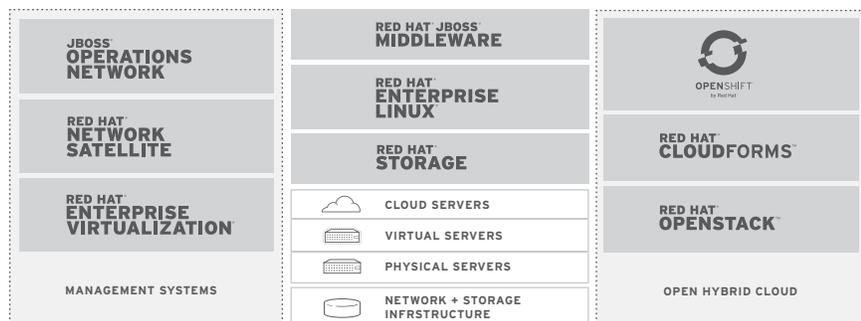
Diverse Technical Experience - Red Hat Consulting maintains deep expertise on both open source and proprietary systems and application platforms in the market, providing clients with a more complete view of their enterprise. Our guidance is based on a holistic understanding of building enterprise systems, not just our own products.

Mentoring-Based Approach - Red Hat Consulting's mentoring-based approach provides the right knowledge transfer to jumpstart a client's move to Red Hat in a safe and efficient manner. As open source leaders, Red Hat believes that knowledge must be open just as the source code is.



ABOUT RED HAT

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services. Red Hat is an S&P company with more than 70 offices spanning the globe, empowering its customers' businesses.


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