BROADCOM®
SOFTWARE

Rally® Software and Endevor® Bring Agility to Mainframe Development

Bring mainframe development into an Agile framework for a low-risk approach to accelerate the delivery and speed to market with software.

Key Benefits

- **Real-time status tracking:** Track initiatives across all teams, programs, and portfolios.

- **Iteration and release planning:** Plan to deliver on the highest-value business initiatives.

- **Customizable dashboards:** View the information you need most—in Scrum, Kanban, or custom views.

- **Capacity planning:** Align business requirements to team capacity to deliver customer value.

- **Risk management:** Surface blocks, defects, dependencies, and milestones to take prompt action.

- **Scalable platform:** Our secure, stable, and extensible platform scales and integrates with popular apps and tools.

- **Reporting and metrics:** See portfolio and team burndown and velocity, measure productivity, responsiveness and quality.

- **Simple for teams:** Empower teams, as well as teams at the portfolio and train level, with a faster, simpler way to begin, track, and navigate work without needing administrative support.

Business Challenges

Global teams must track productivity and product quality all while having visibility into dependencies—to deliver cohesive value to customers faster and with fewer problems. This cohesive value comes from adopting a flexible, interactive approach through Agile product management and software development, supported by an enterprise Agile management solution.

Adopting a solution that supports Agile methodology benefits all developers, especially mainframe developers that are generally siloed.

Today, some mainframe development teams track their work using Agile methodology. Some developers do not, because they do not have access to an Agile solution and thus lack visibility into the stories, dependencies, teams, and projects that are connected to their tasks.

Mainframes are now supporting the most progressive and popular applications.

These development teams are disconnected from global development efforts and siloed during the planning process. Silos impede productivity, call into question data integrity, and give rise to confusion. Inconsistent development times and time-consuming responses to questions around progress and reporting updates all factor into a very slow, and often frustrating, delivery.

Connecting mainframe developers with an Agile framework is a low-risk approach to accelerate delivery and speed to market.

Figure 1: Enterprise Agility Supports Global Development Efforts

Connected Agile Work Management   ⚖ | **Accelerate Delivery**   ✛ | **Siloed Teams**   🔋

Start with Leveraging What You Have: Software Configuration Management

Mainframe developers use Broadcom® Endevor® as their software configuration management solution. Endevor provides a standardized, reliable, and automated approach to securing and managing your software assets. Designed to automate the development process, Endevor governs software change from the very first line of modified code through deployment with change tracking. Endevor also provides users with additional flexibility in their choice of interface and tight coupling with their DevOps toolset.

The additional flexibility provided by Endevor offers a pathway to enterprise Agile management. With out-of-the-box integrations to CI/CD and pipeline management tools along with plugins to enterprise GIT repositories, teams can adopt the same modern stacks used for distributed development—all while continuing to leverage the build and lifecycle automation offered by Endevor.

With these integrations and plugins, mainframe developers have a portal into popular Agile work management solutions.

Introducing Rally® Software: Give the Business Predictability and Adaptability

Rally Software is the market-leading enterprise Agile management solution.

For millions of global teams, Rally Software is the ecosystem for their interconnected strategy. Teams run with clear goals and opportunities to adjust when they see strategic themes, initiatives, features, stories, and tasks all connected.

Rally Software gives the user visual cues to take action based on the related data. Mainframe developers have seamless traceability between the changes being made in version control and Agile work item artifacts, including user stories and defects. This enables developers to easily see what changes were made for any given work item, significantly reducing mean time to resolution when debugging problems.
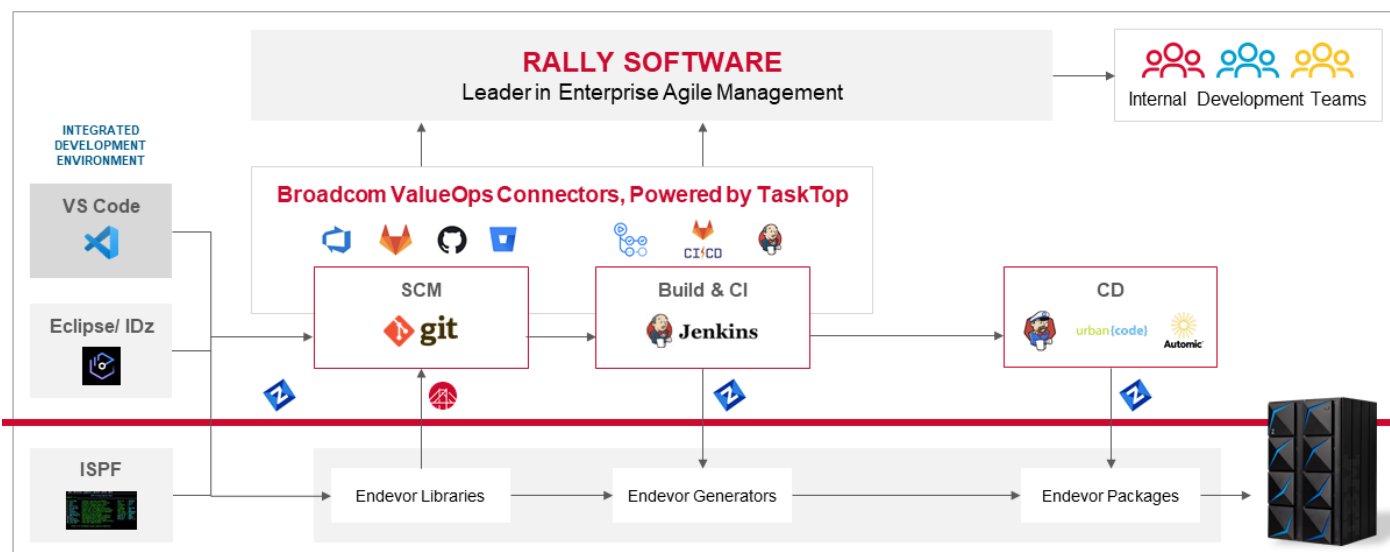
Can you imagine the positive impact to your operational performance when both product and business teams have top-down visibility from Business to Development? How much more will your day-to-day operations improve when you can track dependencies and easily find associated *epics* and *features* that are connected directly to your strategy?

Need reporting and analytics to show what you are doing, why you did it, how you did it, and when it is going to be delivered? Rally Software has got that covered too.

Without disrupting your day-to-day activities and by consistently mitigating risks, Rally Software gives the business predictability and full traceability across your end-to-end lifecycle. Through its ValueOps Connectors, powered by TaskTop, Rally Software integrates seamlessly with your ecosystem by connecting to the tools you already have and use today, no data scientist required.

Mainframe developers will be connected to global development efforts and included in the planning process. There will be predictability in development times with transparent reporting. Product delivery will never be the same again.

Figure 2: Rally Software, Leader in Enterprise Agile Management, Integrates with Endevor

Use Cases

Bring Together Work Item Data from Multiple Teams Working in Different Tools

Sync the status of work items including features, stories, tasks, defects, test cases, and more. Aggregate the data for complete transparency and visibility into the status of work for your teams, trains, and portfolios. Maintain data consistency between the tools your teams leverage to ensure that everyone in the organization has the necessary visibility into status, regardless of which tool they are working in.

Gain Real Time Status While Reducing Context Switching

Connect the tools developers use the most, like GitHub, to reduce context switching while maintaining real-time status of the work being completed. Connecting the status of work items with check-in and pull request status brings increased transparency while reducing the need for manual and error prone status updates.

Reduce Waste Created by Duplication of Information

Create a cohesive story by connecting the activities required to fix the issue to the issue ticket itself. Connecting the activities with the issue ticket provides real-time information to those directly interacting with customers, while reducing waste and errors created by manual data entry.

Learn more about Rally Software, the market leading enterprise Agile management solution.

Visit: Broadcom.com/Rally