

Optimize and Manage Distributed Development

Whether your teams are located in different buildings, different cities, or different countries, managing in a distributed development environment presents a number of challenges. A distributed team needs to communicate accurately despite language, cultural, or time zone differences. They must also have access to the development assets they need, without compromising security or the ability to effectively manage changes. Many teams also face a variety of disconnected tools, methods, and technologies. How can distributed teams work together effectively while preserving the efficiency and agility that the distributed development model can deliver?

SourceForge[®] Enterprise Edition is a secure, centralized, enterprise-proven solution for optimizing and managing distributed development. SourceForge delivers a collaborative development environment that unifies disconnected teams and tools, helping to foster collaboration and innovation while improving project efficiency. And unlike loosely integrated point products, only SourceForge brings together, in a seamless solution, the tools you need to support all stages of the software lifecycle.

Expand Project Visibility and Control

With distributed teams, geographic distance and organizational boundaries decrease management visibility and control, making it harder to keep projects on track. SourceForge flexibly connects tools and processes with a collaborative development environment to help foster better project coordination. This eliminates information silos and provides the visibility into project assets that your extended teams need. Centralizing all development-related data and asset histories also provides the auditability you need to support compliance with regulatory requirements and process standards (Sarbanes-Oxley, CMM, HIPAA, etc.).

Integrate Disparate Tools; Support Multiple Processes

Development teams today often operate within heterogeneous tool and process environments resulting from rapid growth, mergers, etc. SourceForge Enterprise helps you connect these tools and processes with a centralized repository so you can leverage existing tool investments, close gaps across teams, and deliver traceability across the lifecycle. SourceForge reduces your administrative burden and set-up times by making it easy to create new SCM repositories, mailing lists and more.

Centralize and Manage Development Assets

The SourceForge tracker provides easy-to-use change management capabilities, helping you track and manage defects, change requests, and more, from a single interface. Integrations with leading Software Configuration Management (SCM) tools provide maximum flexibility in the way your teams manage changes. Integrated document and task management tools provide shared access to versioned documents, task assignments, and team communications, while automated notifications alert you to changes that affect you. With SourceForge Enterprise, you'll reduce development time and rework by fostering better information management and asset reuse.



Empower Collaboration and Innovation

Inspired by collaborative practices of the Open Source community of SourceForge.net, SourceForge Enterprise Edition provides a powerful enterprise-strength platform for collaborative development. SourceForge provides Web-accessible collaboration features that connect teams and empower collaboration and innovation. Keep stakeholders, managers and development teams constantly informed and engaged with integrated discussion forums, mailing lists, document management, plus shared views into development artifacts and tools.

Highlights

- ✓ Securely manage all project activities, digital assets, and communications in a single, centralized repository
- ✓ Assign, track, and manage project-related tasks from a single interface
- ✓ Create associations between activities and artifacts across projects
- ✓ Effectively track and manage change to project assets
- ✓ Optimize a heterogeneous tool environment with out-of-the-box integrations and extensible architecture

SourceForge Capabilities and Benefits

SourceForge Enterprise Edition is built using an integration-ready, highly-extensible Java 2 Enterprise Edition (J2EE) architecture. SourceForge also includes these capabilities for optimizing development.

 Centralized Repository <ul style="list-style-type: none"> Secure, behind-the-firewall operation Pervasive search capability 	<i>Leverage a secure, centralized repository and integrated web-accessible view into all project activity, digital assets and communications</i>
 Tracker <ul style="list-style-type: none"> Automatically captures and logs all changes to tracked items, and notifies stakeholders Integration with leading Software Configuration Management (SCM) systems 	<i>Track, manage, measure and report on feature requests, defects, change requests, issues and more</i>
 Task Manager <ul style="list-style-type: none"> Personalized task "to-do" lists for individuals, consolidated views for managers Full Microsoft Project integration supports bi-directional task synchronization and updates 	<i>Assign, track and manage all project-related tasks from within a single interface</i>
 File Release System <ul style="list-style-type: none"> Integrates easily with existing build tools for automated creation of file releases Fine-grained access controls and download statistics 	<i>Post and manage approved file release packages</i>
 Document Manager <ul style="list-style-type: none"> File repository for all design documents, requirements documents, architecture documents, project plans, status reports, test plans, etc. Full document versioning, automated document review and approval 	<i>Store, access and manage project-related documentation in a centralized repository</i>
 Discussion Forums, Mailing Lists, Project News <ul style="list-style-type: none"> Control public as well as private discussion forums and mailing lists Forums accept remote submission posts via email and can issue forum posts via email 	<i>Provides structured, traceable and searchable project communication and collaboration</i>
 Automated Monitoring and Notifications <ul style="list-style-type: none"> Detailed audit logs of all artifact changes / history Create associations across all areas of the application –across projects, tools, activities and individual artifacts 	<i>Automate monitoring, assignment and notification helps all team members stay on top of project deliverables and activities, while a "threaded knowledge" approach links activities and artifacts across the lifecycle</i>
 Access Controls <ul style="list-style-type: none"> Log in via secure connection with 128-bit SSL encryption Flexible project access definitions including Public, Private, or Gated Community 	<i>Secure, Role Based Access controls govern access permissions at the application, project, tool and folder levels</i>
 Global Development Dashboard™ and Reporting <ul style="list-style-type: none"> Real-time status rollups and color-coded indicators, plus comprehensive drill-down into project status and issues Export data via XML, CSV, or tab-delimited formats to external applications such as Crystal Reports 	<i>Access real time project status views and manage projects in real time, plus leverage extensive, customizable reporting features</i>
 SourceForge Collaborative Development Process™ <ul style="list-style-type: none"> Includes templates, worksheets, checklists, sample policies and procedures, all accessible from within the SourceForge application 	<i>Flexible, practical guidelines and resources for implementing more mature and consistent processes throughout the development lifecycle</i>
 Interoperability and Extensibility <ul style="list-style-type: none"> Interoperability with software configuration management (SCM) systems includes: access multiple SCM repositories of different types and automated SCM repository creation, user administration, and web-based access directly into SCM repositories Access SourceForge projects, task lists, Tracker items and more from within supported IDE Open SOAP XML web services API and complementary SDK 	<i>Out-of-the-box interoperability with project management, productivity and development tools (including Microsoft Project, Microsoft Office XP, CVS, IBM Rational ClearCase, IBM WebSphere Application Developer, etc.) optimizes your heterogeneous tool environment, while open APIs allow you to develop additional integrations.</i>

Server OS: Red Hat Enterprise Server 2.1 or 3, Red Hat Advanced Server 2.1, Solaris 8 or 9 (SPARC-based)
 Server Database: Oracle 9.2.0.4 or PostgreSQL 7.4.2
 App Server: JBoss 3.2.3 (included), Tomcat 4.1.29 (included), BEA WebLogic 8.1 SP1
 Client Software: Microsoft Explorer or Mozilla browsers



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