

Sablime® Software Configuration Management System



Providing integrated change and version management for your software and documentation.

The Sablime® Configuration Management System handles version control and change management to help you efficiently and effectively manage, maintain, deliver and support changes to your software and documentation.

Overview

The Sablime® Configuration Management System is a powerful and efficient tool that provides integrated version control and change management of your software artifacts such as source files and documentation. The Sablime® Configuration Management System, developed in Bell Labs, provides a proven solution with comprehensive configuration management to track changes to your software and documentation from origination through maintenance, delivery and support.

Sablime® is simple to learn and maintain, and is scalable for use with any size project. It incorporates an effective development process that balances the needs of managers, developers, testers, and integrators, and provides workflow management so these stakeholders are kept informed. Our state-of-the-art system provides tightly integrated version, configuration and change management to help you improve product quality and shorten your release cycles.

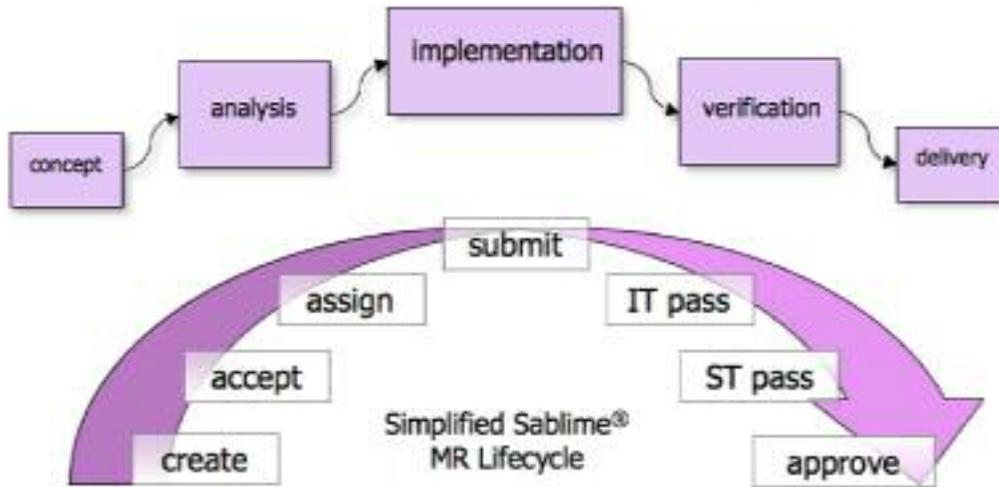
Benefits

- Helps improve your product quality and shortens your release cycles
- Supports an out-of-the-box process model
- Tracks, coordinates and integrates product changes and change requests
- Helps prevent fixed bugs from getting reintroduced
- Enables you to reconstruct versions sent to customers
- Makes project status and source files accessible to all team members, even when geographically distributed
- Enables managers to control and characterize contents of each release and track release status
- Enables developers to access and modify files without disrupting each other
- Enables testers to see what features or fixes are ready for testing, and to review the requirements, notes and implementation associated with each change request
- Enables integrators to create consistent product versions automatically, based on readiness for integration

Features

- Coordinates change requests and actual changes
- Supports multiple active release streams per product
- Supports concurrent development with less need for merging
- Detects dependencies automatically
- Integrates with Eclipse®, Visual Studio® and other IDE's
- Integrates with Excel, enabling status reporting and management
- Guides teams to consistent results using defined roles and workflow with e-mail notification
- Scales easily from small to large projects
- Supports local and web-based users
- Allows scripting and customization
- Easy to learn and use, simple to install and maintain
- Available on UNIX®, Linux® and Windows®
- Does not require dedicated hardware

The Sablime® MR takes the idea from concept to customer.



Distinctive Approach

Sablime® builds its development process around the Modification Request (MR). Team members or customers propose changes by creating an MR. When MRs are reviewed they can be deferred, killed, assigned for study or accepted for implementation in one or more generics (release streams). MRs are the unit of change control.

Sablime® tracks what changes are made with each MR, and ensures these changes are delivered together to integration. Integrators assemble versions of the product based on what MRs or MR states to include.

Each MR is assigned to one or more project members with appropriate priority and due date. If an MR requires extensive effort or spans several areas of responsibility, it can be subdivided into smaller requests and independently assigned, tracked and managed in different generics.

Sablime® allows customization of the number of test levels and membership of test teams. As an MR passes through its life cycle, appropriate project members are notified of events via email. This communication promotes clear responsibility and prompt, timely actions. At every stage, Sablime® keeps track of who, when, and why each action was taken.

To learn more about our Sablime® Configuration Management System, please contact us at software@alcatel-lucent.com or visit our website at <http://www.bell-labs.com/project/sablime>.

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