

Simplifying the Process of Change

Rational ClearCase Attache

Delivering Rational ClearCase Access From Windows Clients

Rational® ClearCase Attache® provides a subset of the power of Rational ClearCase® client software in an easy-to-use Windows interface and a slim memory footprint. ClearCase Attache offers development teams software configuration management (SCM) support they need to do parallel, distributed development, when used with the comprehensive facilities of ClearCase on a Windows or UNIX server.

Rational ClearCase Attache provides direct access to Rational ClearCase server commands with a tool bar, pull-down menus, and a scrolling command window. ClearCase Attache is integrated with all SCC-based products supported by ClearCase, including Microsoft Visual C++, and Visual Basic. It also offers reliable and easy-to-use modem support for remote use. ClearCase Attache is appropriate for groups running Windows that do not need automated build management or manage defect tracking.



The Attache developer interface allows users to easily checkout, checkin, merge and perform other operations on development artifacts.

Version Control

Rational ClearCase Attache provides Windows-based developers with the advanced features of the Rational ClearCase version control system, including tracking of all software development objects, use of permanent, secure data repositories, and support for parallel development.

Rational ClearCase Attache stores all software elements (files, directories, binaries, documentation, etc.) in Rational ClearCase's shared data repositories, VOBs. ClearCase Attache users can access multiple VOBs on ClearCase Windows or UNIX hosts.

- Versions all file system objects, including directories
- Checkin/checkout development model
- Reserved and unreserved checkouts
- Unlimited branching
- Graphical merge and comparison tools
- Annotated history of source changes
- Graphical history browser
- Graphical version tree display

Workspace Management

With Rational ClearCase Attache, developers manage multiple local workspaces. Local workspaces provide access to appropriate versions of development sources; private storage for day-to-day development tasks; and isolation from activities in other workspaces. A local workspace is a private directory tree, located on a PC or on a PC-accessible file server. Each ClearCase Attache workspace corresponds to a ClearCase view (resident on a ClearCase Windows or UNIX host). The ClearCase view selects versions of software elements stored within VOBs according to a set of user-specified rules.

HIGHLIGHTS

Secure, scalable project repositories: Rational ClearCase Attache stores your software projects, including source files, documentation, test suites and binaries, in reliable repositories called Versioned Object Bases (VOBs) on Windows or UNIX servers

Rule-based configurations: With ClearCase Attache, you create individual workspaces — for entire projects, new feature development, bug-fixing, porting, or testing — by specifying a few simple rules

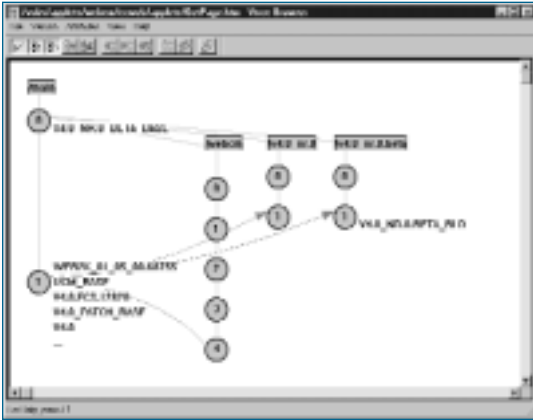
Effective parallel development: ClearCase Attache supports branch-and-merge development, and has automated graphical merge and comparison tools

Distributed development: Rational ClearCase Attache MultiSite, an option for ClearCase Attache, supports geographically distributed project teams with automated, error-free synchronization of project databases

SPECIFICATIONS

Supported Environments

- Windows 95/98
- Windows NT
- Windows 3.1
- Windows for Workgroups 3.11



The Rational ClearCase version tree graphically shows the parallel development of an HTML file.

- Rule-based configurations
- Multiple workspaces
- Graphical browsers for views and local workspace contents
- Directory and file upload/download, including file lists
- Local workspace access even if server is disconnected

Build Management

Rational ClearCase Attache users build their software using their current tools and makefiles.

Process Control

Rational ClearCase Attache provides direct access to Rational ClearCase policy tools on the Windows or UNIX host. All of the ClearCase policy mechanisms — triggers, attributes, hyperlinks, permissions, locks, etc. — work with ClearCase Attache. This allows administrators to define and enforce policies across Windows and UNIX platforms.

- Pre- and post-event triggers execute user defined programs or shell scripts
- User-defined attributes attach data to any version or object
- Hyperlinks connect diverse objects to maintain logical relationships for requirements tracking
- Fine-grained access controls
- Project-wide queries on meta-data

Distributed Development with Rational ClearCase Attache MultiSite

Rational ClearCase Attache MultiSite, an optional product for ClearCase Attache, provides support for geographically distributed development teams. ClearCase Attache MultiSite replicates and updates ClearCase VOBs across wide-area networks or within local sites. It allows ClearCase Attache users to access, modify, and integrate software elements on distributed projects.

Licensing

- Each Rational ClearCase Attache site requires at least one Rational ClearCase license (for Windows or UNIX), for administration
- ClearCase Attache users who access a replicated VOB require a Rational ClearCase Attache MultiSite license

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