Comparing
Roundtable® TSMS
with other SCM and version control tools

Overview

This document compares Roundtable TSMS with other commercially available SCM software and freely available version control tools.

Feature Summary

Feature	Roundtable® TSMS	CVS	Subversion	Perforce®	StarTeam®	ClearCase®
Configuration Control	✓				✓	✓
Configuration Identification	✓			✓	✓	
Configuration Auditing	✓			✓	✓	✓
Configuration Status Accounting	✓					
Access Control	✓	✓	✓	✓	✓	✓
Version Control	✓	✓	✓	✓	✓	✓
Defect Tracking				✓	✓	
Task Management	✓				✓	
Build System	✓					
Impact Analysis	✓					
Schema Management	✓					
Release Management	✓	✓	✓	✓	✓	✓
Deployment Management	✓					
Custom Variants	✓					
Windows client	✓	✓	✓	✓	✓	✓
Eclipse plug-in	✓	✓	✓	✓	✓	✓
Unix TTY client	✓					
Integration and Extensibility	✓		✓		✓	

The Roundtable Edge

Roundtable TSMS enables you to easily implement Software Configuration Management principals in your development environment.

- **Workspaces** define views of an application (or independent subsets of an application) at given phases in the development lifecycle. **Role-based User Security** ensures that only users with the appropriate access-level can modify Workspace resources.

- **Products** and **Product Modules** identify and organize application resources in a logical configuration hierarchy.

- **Task Management** organizes changes into logical units and provides a clear picture of who is working on what, where the work is being done, and why.

- **Version Notes** are stored for individual committed resources to help easily identify what was changed.

- **Deployment Management** maintains site-specific deployment configuration lists and produces full and incremental ready-to-deliver packages.

- **Custom Variants** organize customizations to core application or customer-specific modifications.

The OpenEdge® Advantage

Written in the OpenEdge ABL and designed specifically for OpenEdge development, Roundtable TSMS delivers additional value to OpenEdge development projects.

- **Schema Management** stores and deploys your OpenEdge application schema. Roundtable TSMS can either load schema changes made to the physical database, or apply changes made within the Roundtable TMS environment to the database.

- **Smart Compilation** only compiles code affected by changes made to application resources such as include files or schema.

- Integrated **Impact Analysis** displays relationships between OpenEdge classes, procedures, include files and schema and also prevents the accidental removal of referenced application resources.

- **OpenEdge-specific attributes** are stored with each version committed resources.

- The **API and event interface** allows you to write ABL programs to extend and customize Roundtable behavior.

- The Roundtable TSMS server is powered by an **OpenEdge AppServer** with your application resources securely stored in an **OpenEdge RDBMS** powered repository.