

Serena ChangeMan Version Manager

Communicate and Collaborate across Software Teams

Serena® ChangeMan® Version Manager™, leveraging version control technology from the makers of PVCS®, organizes, manages and protects software assets across distributed development teams. Version Manager is fast and easy to install, use and administer, yet it provides rich, mature capabilities such as enhanced security, web-based remote access, support for multiple platforms and IDEs, and centrally managed database archives.

The latest release, Version Manager 8.1, adds deeper integrations with Microsoft VS. NET and Eclipse IDEs, as well as new pragmatic locking to further support parallel development. As part of the Serena® ChangeMan® Professional™ Suite for software change and configuration management (SCCM), Version Manager now integrates with Serena® TeamTrack® for sophisticated issue and workflow management.

Highlights

- **Enhanced IDE support.**
Deeper, richer integrations with VS .NET 2003 and Eclipse 3-based IDEs such as IBM WSAD/RAD enhance developer productivity by allowing developers to conduct their daily activity without having to leave their preferred IDE.
- **Distributed teams.**
The web interface makes it easier to use by a wider group of stakeholders (QA, build managers, developers, etc.), regardless of location or whether they are internal or outsourced resources. Merge, differencing, sorting, and launching of native desktop productivity tools are easily accessible from the web client for asset viewing and editing. Enhanced automatic notification and escalation features help managers better control geographically distributed teams.
- **Security and performance.**
The Version Manager File Server provides increased asset security when used to isolate and protect project data that would otherwise be exposed via standard file system access schemes. Enhanced internal data architecture reduces data flow to reduce network traffic and thereby improve VM command performance.
- **Parallel development.**
New pragmatic locking, synchronization, and differencing/merge engine support contemporary development practices, automatically reconciling and merging multiple changes made concurrently via distributed, parallel programming are now available with the rich integrations.
- **Configuration and setup.**
Version Manager supports multiple LDAP services for user authentication.
- **Filtering.**
Enhanced filtering capabilities make it easy to determine what assets have changed between two consistent views of a project as specified by a label or promotion group.
- **Traceability.**
A log file records an audit trail of all administration actions that affect a project.

Version Manager 8.1 System Specifications

Version Manager is based on industry standards and supports the following platforms. Support for new technology is added continuously.

The following information applies to the desktop client, command-line client, web client, and Version Manager File Server.

Supported Operating Systems

- Windows 2000: Professional, Server, Advanced Server
- Windows 2000 Advanced Server 64-Bit Edition
- Windows XP Professional
- Windows XP 64-Bit Edition
- Windows 2003 Server
- AIX 5.1, 5.2, and 5.3
- HP-UX 11.00, 11.11, and 11.23
- Red Hat Linux 9.0 and Red Hat Enterprise Linux 3.0
- SuSE Linux 9.0, 9.1, and 9.2
- Solaris 8 and 9

Browser Operating System Java Plug-In

- Microsoft Virtual Machine
- Sun Java Runtime Environment 1.4.1_01 or later

Web Browsers

- Internet Explorer 6.x
- Mozilla 1.7
- Firefox 1.0
- Netscape 7.1 or later

Version Manager 8.1 Web Server System Specifications

Version Manager Web Server is supported on the following platforms:

- Windows 2000 Server and Advanced Server SP2
- Windows 2000 Advanced Server 64-Bit Edition
- Windows 2003 Server
- AIX 5.1, 5.2, and 5.3
- HP-UX 11.0, 11.11, and 11.23
- Red Hat Linux 9.0 and Red Hat Enterprise Linux 3.0
- SuSE Linux 9.0, 9.1, and 9.2
- Solaris 8 and 9

Supported Web Servers

- Windows
 - iPlanet 6.0 SP1
 - Java System Web Server 6.1 SP1
 - Microsoft Internet Information Server 5.0 (Windows 2000)
 - Microsoft Internet Information Server 6.x (Windows 2003)
- UNIX and Linux
 - Apache* 1.3.x (AIX, HP-UX, Linux, Solaris) and 2.0.43 or newer (HP-UX, Linux, Solaris)
 - iPlanet 6.0 SP1 (AIX, HP-UX, Solaris)
 - Java System Web Server 6.1 SP1 (HP-UX, Solaris)

*NOTE: Your Apache server must include DSO support.

Version Manager WebDAV Server System Specifications

Supported Operating Systems

- Windows 2000 Server and Advanced Server SP2
- Windows 2000 Advanced Server 64-Bit Edition
- Windows 2003 Server
- Solaris 8 and 9
- HP-UX 11.00, 11.11, and 11.23
- AIX 5.1, 5.2, and 5.3
- RedHat Linux 9.0 and Red Hat Enterprise Linux 3.0
- SuSE Linux 9.0, 9.1, and 9.2

Supported Web Servers

- Tomcat 4.1.x (installed with WebDAV Server)
 - Microsoft Internet Information Server 5.0 (Windows 2000)
 - Microsoft Internet Information Server 6.0 (Windows 2003)
 - Apache 1.3.x (AIX, HP-UX, Linux, Solaris) and 2.0.43 or newer (HP-UX, Linux, Solaris)
- NOTE: Your Apache server must include DSO support.
- iPlanet 6.0 SP1 (AIX, HP-UX, Solaris, Windows)
 - Java System Web Server 6.1 SP1 (HP-UX, Solaris, Windows)

Supported Client Operating Systems

- Windows 2000 Professional, Server, and Advanced Server SP 2
- Windows XP Pro (Network Places only)
- Windows 2003 Server

NOTE: Read-only support for WebDAV is available for the Windows XP DAV File System and Mac OS DAV File System.

Supported WebDAV Clients

- Microsoft Web Folders, Office 2000, and Office XP
- Macromedia Dreamweaver 4 and Dreamweaver MX
- Adobe Acrobat 5 and 6
- Adobe Photoshop 7 and 8

Other WebDAV-enabled clients may work but are unsupported at this time.

About Serena

Serena Software is the largest company solely focused on managing change in the IT environment. Serena's products and services automate process and control change for teams managing development, web content and infrastructure. Based on 25 years of innovation in process and configuration management, Serena Application Framework for Enterprises (SAFE™) solutions enable customers at more than 15,000 sites worldwide and 49 of the Fortune 50 to improve IT governance, mitigate risks, support regulatory compliance, and boost productivity and quality. Serena is headquartered in San Mateo, California, with offices throughout the U.S., Europe, and Asia Pacific.

Contact

To learn more about these products, and how to begin implementing comprehensive change management across your IT environment, visit Serena at www.serena.com or write us at info@serena.com.

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