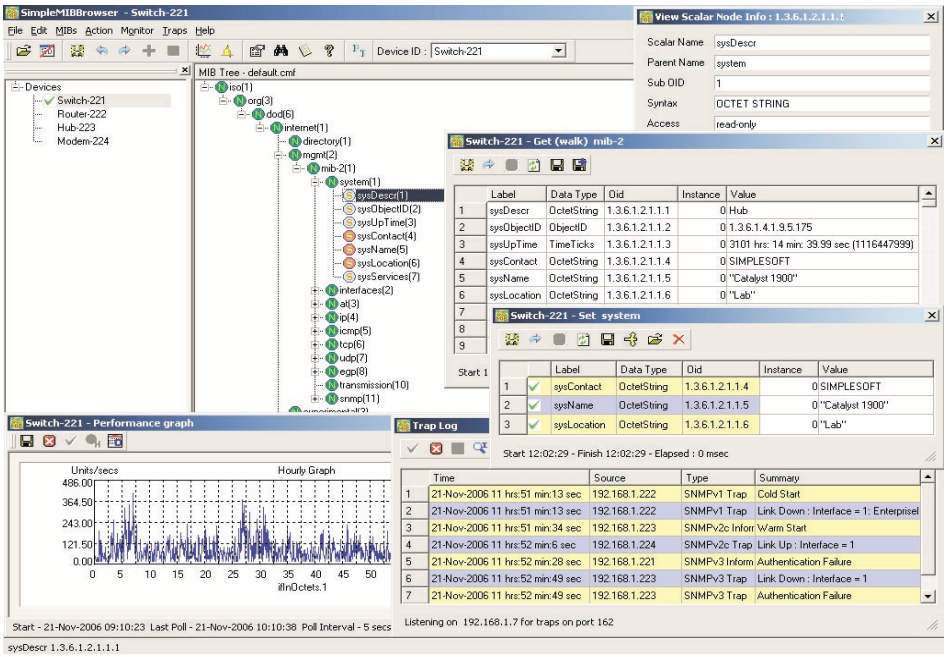
SimpleMIBBrowser™

An Easy-to-use SNMP MIB Browser, Plotter & Trap Receiver



Overview

The Simple Network Management Protocol (SNMP) is used extensively in managing today's heterogeneous networks. Networking equipment from most vendors include an SNMP Agent that allows remote retrieval and configuration of its management data which is defined in Management Information Base (MIB) files.

SimpleMIBBrowser is an easy-to-use application that supports all versions of SNMP and can be used to communicate with any SNMP enabled device. It can load vendor specific MIB files and display the management data contained within it as a graphical tree for easy navigation. SimpleMIBBrowser can then send SNMP requests of all types to retrieve and configure the management data of interest from the SNMP enabled device.

Performance management data can also be retrieved and plotted by conducting periodic polling. Fault management information can be received using the SNMP Trap/inform mechanisms. Configuration data retrieved from one device, or manually created, can be stored and propagated on to other devices that need to be set up in a similar manner. Debug tracing of requests and responses also make it useful for trouble shooting and resolving communication problems.

Features & Benefits

SimpleMIBBrowser is an intuitive, graphical tool that can be used to query and configure management information from any SNMP enabled device. Its various features include:

- Supports all SNMP versions: SNMPv1, SNMPv2c, SNMPv3, and even Diffie Hellman for CableModems
- Sends all SNMP request types: Get, GetNext, GetBulk and Set.
- Loads both SNMPv1 and SNMPv2 SMI compliant MIB modules.
- Event receiver can display SNMPv1/v2c/v3 Traps, SNMPv2c/v3 Informs and even Syslog events.
- Displays SNMP table data in a tabular format that is similar to its corresponding MIB definition.
- Supports display of SNMP data in multiple windows for easy comparison. Includes data profiles.
- Supports multiple device SNMP profiles for communicating with many devices.
- Includes multiple varbind support in all SNMP operations.
- Sends requests to both IPv4 and IPv6 SNMP enabled agents. AES version is also available.

SimpleMIBBrowser benefits include:

- Browsing: Displays MIB information related to the selected manageable objects in the MIB tree.
- Configuration: Can get SNMP configuration from one device and duplicate on others .
- Performance: Monitors and plots performance graphs for selected variables.
- Fault: View SNMP traps, informs and syslog events. Check Ping/Traceroute status.
- Debugging: Saves SNMP packets received and sent in debug mode for resolving problems.

System Requirements

SimpleMIBBrowser is available on

- Microsoft Windows 2000/2003/2008/XP/7/8.
- RedHat Enterprise Linux (5.x, 6.x).

SimpleSoft

Simplifying Network Management

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