

## NETSNMP porting

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Simple Network Management Protocol (SNMP) is a widely used protocol for monitoring the health and welfare of network equipment (eg. routers), computer equipment and even devices like UPSs. Net-SNMP is a suite of applications used to implement SNMP v1, SNMP v2c and SNMP v3 using both IPv4 and IPv6. The suite includes:

- Command-line applications to:
  - retrieve information from an SNMP-capable device, either using single requests (`snmpget`, `snmpgetnext`), or multiple requests (`snmpwalk`, `snmptable`, `snmpdelta`).
  - manipulate configuration information on an SNMP-capable device (`snmpset`).
  - retrieve a fixed collection of information from an SNMP-capable device (`snmpdf`, `snmpnetstat`, `snmpstatus`).
  - convert between numerical and textual forms of MIB OIDs, and display MIB content and structure (`snmptranslate`).
- A graphical MIB browser (`tkmib`), using Tk/perl.
- A daemon application for receiving SNMP notifications (`snmptrapd`). Selected notifications can be logged (to syslog, the NT Event Log, or a plain text file), forwarded to another SNMP management system, or passed to an external application.
- An extensible agent for responding to SNMP queries for management information (`snmpd`). This includes built-in support for a wide range of MIB information modules, and can be extended using dynamically loaded modules, external scripts and commands, and both the SNMP multiplexing (SMUX) and Agent Extensibility (AgentX) protocols.
- A library for developing new SNMP applications, with both C and perl APIs.

DOWNLOAD SNMP PORTING `netsnmp` for ETRAX 100 LX architecture (GLIBC)