

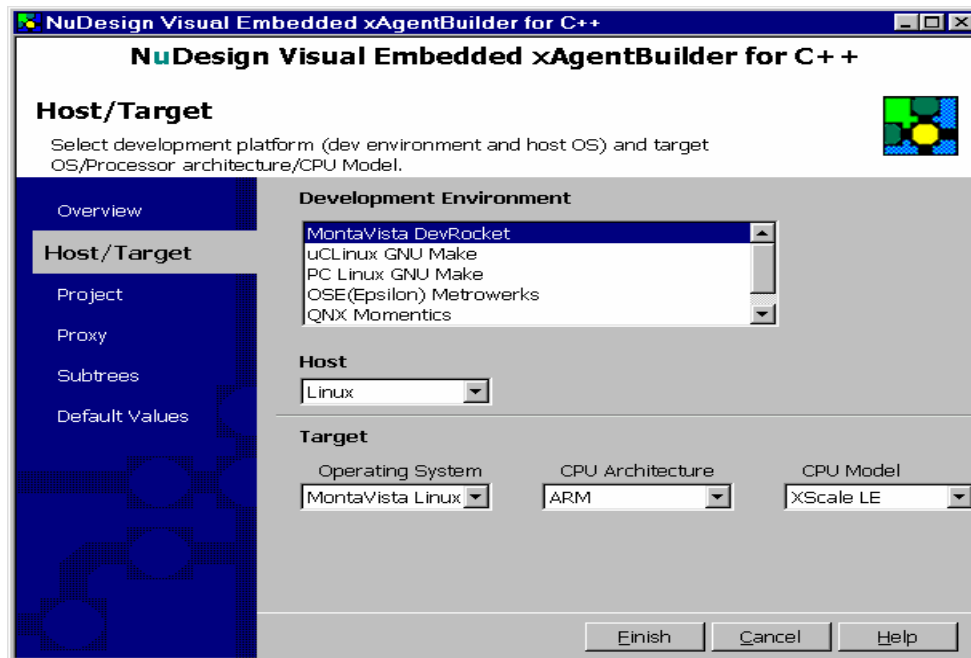


# NuDesign's Visual Tools for SNMP Agent Development

NuDesign provides its highly automated Multiprotocol SNMP Agent code generation technology for developers of agents for MS Windows, PC Linux and embedded OS/RTOS'es such as Embedded Linux, QNX Neutrino®, WindRiver VxWorks, Microsoft Windows Embedded and ENEA OSE among others.

NuDesign's SNMP Agent generation wizard allows developers to quickly create agents with SNMPv3, HTTP and Simple Development Console access to managed information. The product is management objects centric, enabling creation of new or re-use of existing instrumentation code, for access by SNMP, CLI and web based applications. The wizard also generates MIB-specific Web pages that can be modified for a custom look and feel. A MIB II subagent is included with the product. A standalone Agent or Master Agent and dynamically loadable extensions and/or Remote Subagents are supported. A lightweight Remote Subagent code based on UDP and SNMP BER encoding, or the IETF TCP/IP AgentX encoding library, based on rfc2741 Remote Subagent standard, are provided.

Please also see Product Briefs for NuDesign's SNMP Manager and Command Line Interface (CLI) agent code generation tools and how they integrate together.



***Build and run your Agent in minutes!!!***

For more information and product evaluation kit please visit [www.ndt-inc.com](http://www.ndt-inc.com)

## The Tools Consist of:

- **Visual MIBuilder**, an application for visually building your system's management information objects model (MIB) in SMIv1 or SMIv2 grammar.
- **SNMP Agent Studio for Embedded RTOS** (PC Linux or Windows) containing **Visual xAgentBuilder for C++**, the SNMPv3/HTTP/Console Agent Source Code and Project Files Generation Wizard (generates sources, headers and Make files for supported IDE platforms) plus **SNMPv3 SDK** libraries and **SNMPv3 Configuration Editor**.
- **Visual SNMP Traffic Monitor**, an easy to use application that provides capture, custom filtering, decoding, storage and retrieval for later review of SNMP exchanges, including encrypted. The data is parsed and displayed using object's MIB names.
- **Visual MIBrowser Pro**, the SNMPv3 management application, an essential tool in development and testing phases. Includes SNMPv3 configurations and SNMP VB scripting capability for generating agent specific test cases.

All four tools contain NuDesign's **MIB Compiler** technology adapted to the task: most stringent in MIBuilder, oriented on generation of agent code in xAgentBuilder, and with selectable tolerance in MIBrowser Pro and SNMP Traffic Monitor.

## About NuDesign Technologies

NuDesign Technologies, Inc, headquartered in Toronto, ON, Canada, specializes in providing Visual SNMP, CLI, web/XML manager & agent development applications, tools, libraries and consulting services, products such as SNMP & CLI Agent / Manager code generators, MIB Builders, MIB Browsers, MIB Compilers, SNMP Traffic Monitors and C++ SNMP Development Libraries with SNMP Controls to developers worldwide.

The benefit of deploying NuDesign's management software technologies are reliable, low risk, and quick-to-market solutions, supporting SNMPv3 over IPv4 / IPv6 networks, web protocols and serial, CLI command line access. The highly automated SNMP and CLI Agent & Manager tools with associated tutorials enable fast prototyping and development, facilitate organization and design process while supporting multiple target environments with generation of very complete and ready to build SNMP and CLI Agents & Managers.

### Contact Information

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NuDesign Technologies, Inc.  
tel: 416 737 0328  
fax: 416 445 9101  
toll free: 1 866 886 SNMP (7667)  
email: [contact@ndt-inc.com](mailto:contact@ndt-inc.com)  
web: [www.ndt-inc.com](http://www.ndt-inc.com)