NuDesign Team Inc.
SNMP Made *Simpler.*

NuDesign Tools Pay For Themselves

Hussein Said used NuDesign Team's Visual MIBuilder, Visual MIBrowser, and Visual SNMP xAgentBuilder for C++ in recent work developing a Network Management System (NMS). He was looking to quickly add SNMP agent support, and did not want to spend months trying to write an agent from scratch.

With NuDesign xAgent, MIBuilder, and MIBrowser Hussein and his team were able to focus on adding value to their NMS project, rather than on the mechanics of SNMP. And because NuDesign's software let them focus on the job rather than on the tools, they were able to develop their management system much more quickly and accurately than would have otherwise been possible.

Hussein estimates that xAgent Builder cut SNMP agent development time by about 80% as it took MIB files and generated Object Oriented (OO) code so that he and his team could easily provide persistence of MIB nodes in his OO database. "We didn't have to develop an object hierarchy to maintain in-memory relationships with the MIB nodes. All of that comes for free when xAgent Builder generates the C++ code from the MIB files," Hussein remarks.

The NuDesign management tools also shaved more than 50% off the cycle of developing MIBs. Hussein found Visual MIBuilder's graphical user interface a much easier means of developing MIBs than working in NotePad. With MIBuilder he could easily see the MIB objects and how they are related to each other. Instead of browsing hundreds of lines of code to see how objects are structured, MIBuilder offered a clean, concise, and simple view.

The same elegance pleased Hussein when working with MIBrowser. "The UI for MIBrowser was very simple, and it really helps to have a tool that allows you to browse MIBs on your SNMP agents. It is an easy to use application that aids in debugging SNMP agents under development," he adds.

In all, the whole NuDesign SNMP toolkit reduced development time by about 60%, and saved about 65K through a 10K investment in software tools.

In Hussein's view the tools were simple, intelligent, and powerful. He had been using a freeware agent, but had found it unsatisfactory. "We then looked to another commercial vendor for help, but it was hard to get a hold of them. We tried their tools for evaluation, but had many problems with them," he notes. Although the NuDesign tools had the occasional bug, Hussein adds that the NuDesign team would respond promptly. "They were very quick and helpful." And, although he feels the documentation could be improved, Hussein counters that "you can go and pay tons of money for the same solution. The engineers at NuDesign Team have the smartest and slickest solutions of all."