

How-to create your own SNMP agent with AGENTPP tools?

This article describes step-by-step how you create your own SNMP agent (based on SNMP4J-Agent) with the AGENT++ SNMP tools MIB Designer, AgenPro, and MIB Explorer.

Step-by-step guide

The top level steps to perform are

1. [Create your MIB specification\(s\) with MIB Designer.](#)
2. [Simulate the MIB in AgenPro.](#)
3. Verify the MIB usability with MIB Explorer.
4. [Generate the code for SNMP4J-Agent with AgenPro.](#)
5. [Integrate the generated code into the main program.](#)
6. [Implement instrumentation code for the generated code using the SNMP4J-Agent API.](#)
7. Provide initial security configuration for the agent.
8. Run and test the agent.

Advanced Topics

1. [How to use AgenPro generated MIB objects with multiple SNMPv3 contexts.](#)



This page is currently under construction and might be incomplete.

Related articles

- [How-to create your own SNMP agent with AGENTPP tools?](#)
- [Implement instrumentation code for the generated code using the SNMP4J-Agent API](#)
- [How-to integrate generated code for SNMP4J-Agent into the agent's main program](#)
- [Generate code for SNMP4J-Agent with AgenPro](#)
- [Simulate MIB modules in AgenPro](#)