BACnet Developer Workshop

Create a PICS for your device

Porting a BACnet Stack

Network Setup - Routers

Testing Tools

Create a PICS for Your Device

Profile (SS, SA, ASC, AAC, BC, OD, OWS, AWS)

BIBBs (DS-RP-B, etc)

Object List (Device, etc...)

    Optional Properties

    Non-standard Properties

    Resolutions

Datalink Layer (Ethernet, MS/TP, BACnet/IP)

Character Set (ANSI, UTF-8)

Porting a BACnet Stack

Datalink choices

  MS/TP (Timer, RS-485)

  Ethernet (hardware)

  BACnet/IP (UDP/IP stack)

Service Handlers

Defining Objects

Encoding and Decoding Data (Properties)

Network Setup - Routers

Network Segments - Network Numbers

BBMD and Foreign Device Registration

Testing Tools

Hubs, Switches, and a BACnet Router

Wireshark Capture Configuration

Wireshark Filtering

VTS3 - BACnet Visual Test Shell

BACnet Stack at SourceForge Tools