

BacNet



1.

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var msg = CreateMsg();

//bacnet_application_tag
var BACNET_APPLICATION_TAG_NULL = 0;
var BACNET_APPLICATION_TAG_BOOLEAN = 1;
var BACNET_APPLICATION_TAG_UNSIGNED_INT = 2;
var BACNET_APPLICATION_TAG_SIGNED_INT = 3;
var BACNET_APPLICATION_TAG_REAL = 4;
var BACNET_APPLICATION_TAG_DOUBLE = 5;
var BACNET_APPLICATION_TAG_OCTET_STRING = 6;
var BACNET_APPLICATION_TAG_CHARACTER_STRING = 7;
var BACNET_APPLICATION_TAG_BIT_STRING = 8;

//bacnet_objtype
var OBJECT_ANALOG_INPUT = 0;
var OBJECT_ANALOG_OUTPUT = 1;
var OBJECT_ANALOG_VALUE = 2;
var OBJECT_BINARY_INPUT = 3;
var OBJECT_BINARY_OUTPUT = 4;
var OBJECT_BINARY_VALUE = 5;

//bacnet_property_id
var PROP_PRESENT_VALUE = 85;

msg.StringToMsg("BACNETINT|1|WRITE");
msg.SetParam("bacnet_application_tag", BACNET_APPLICATION_TAG_UNSIGNED_INT);
msg.SetParam("bacnet_value", 30);

msg.SetParam("bacnet_objtype", OBJECT_ANALOG_VALUE);
msg.SetParam("bacnet_instance", 0);

msg.SetParam("bacnet_property_id", PROP_PRESENT_VALUE);
msg.SetParam("bacnet_device_id", 12345);

DoReact(msg);
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Event:
BACNETINT|1|WRITE_OCCURES|sender<Udp:47808>,slave_id<ASUS>,fraction<186>,invoke_id<43>,owner<ASUS>,module<bacnetint.vshost.exe>,date<27-11-18>,
value<PROP_PRESENT_VALUE>,guid_pk<{E23BD6CB-19F2-E811-8B83-C860008A29F9}>,object_id<OBJECT_ANALOG_VALUE:0>,
core_global<1>,adr<192.168.0.197:56747>,time<10:55:33>,source_guid<557367ce-19f2-e811-8b83-c860008a29f9>

2.

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DebugLogString("Script2");  
var msg = CreateMsg();  
  
msg.StringToMsg("BACNETINT|1|EVENT");  
  
msg.SetParam("event_type", "0");  
msg.SetParam("from_state", "1");  
msg.SetParam("to_state", "0");  
  
msg.SetParam("message_text", "test_text1!");  
  
DoReact(msg);
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Event:
BACNETINT|1|EVENT_OCCURES|sender<Udp:47808>,slave_id<ASUS>,fraction<683>,owner<ASUS>,event_type<EVENT_CHANGE_OF_BITSTRING>,module<bacnetint.vshost.exe>,
message_text<test_text1!>,date<27-11-18>,guid_pk<{6D34BA08-1CF2-E811-8B83-C860008A29F9}>,from_state<EVENT_STATE_FAULT>,
core_global<1>,adr<192.168.0.197:57878>,to_state<EVENT_STATE_NORMAL>,time<11:11:34>,source_guid<bd51a40d-1cf2-e811-8b83-c860008a29f9>

3.

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var msg = CreateMsg();

//bacnet_application_tag
var BACNET_APPLICATION_TAG_NULL = 0;
var BACNET_APPLICATION_TAG_BOOLEAN = 1;
var BACNET_APPLICATION_TAG_UNSIGNED_INT = 2;
var BACNET_APPLICATION_TAG_SIGNED_INT = 3;
var BACNET_APPLICATION_TAG_REAL = 4;
var BACNET_APPLICATION_TAG_DOUBLE = 5;
var BACNET_APPLICATION_TAG_OCTET_STRING = 6;
var BACNET_APPLICATION_TAG_CHARACTER_STRING = 7;
var BACNET_APPLICATION_TAG_BIT_STRING = 8;

//bacnet_objtype
var OBJECT_ANALOG_INPUT = 0;
var OBJECT_ANALOG_OUTPUT = 1;
var OBJECT_ANALOG_VALUE = 2;
var OBJECT_BINARY_INPUT = 3;
var OBJECT_BINARY_OUTPUT = 4;
var OBJECT_BINARY_VALUE = 5;
var OBJECT_CHARACTERSTRING_VALUE = 40;

//bacnet_property_id
var PROP_PRESENT_VALUE = 85;

msg.StringToMsg("BACNETINT|1|READ");

msg.SetParam("bacnet_objtype", OBJECT_ANALOG_INPUT);
msg.SetParam("bacnet_instance", 0);
msg.SetParam("bacnet_property_id", PROP_PRESENT_VALUE);
msg.SetParam("bacnet_device_id", 123456);
DoReact(msg);

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Event:
BACNETINT|1|READ_RESULT|slave_id<example>,fraction<387>,owner<example>,module<bacnetint.run>,date<10-11-21>,
guid_pk<{622928D6-3349-EC11-96F2-309C23D50163}>,core_global<1>,bacnet_value<20,8>,
time<15:26:03>,param0<ok>,source_guid<e8f7ded1-3349-ec11-96f2-309c23d50163>

```