How to work with OLE data types i.e Variants

Initially retrieve the info in variant. For example,

hr = pclsObj->Get(L"IPEnabled", 0, &vtProp, 0, 0);

Then check what type of data Variant contains. For example, I’m performing some actins when the variant contains a string array:

if (vtProp.vt == (VT\_ARRAY|VT\_BSTR)) {

// do something

}

Without this check many types of error would occur!

Get upper and lower bound. Then calculate the difference. We may call it cElements

which we will use before accessing the array. For example,

cElements = lUBound-lLBound+1;

if (cElements > 0)

m\_GWIP = pbstr[0];

## Spec:

Two cases that the thread performs actions

1. When internet is available
   1. Enable ping single host
   2. Give the message on noticebox
2. When not available
   1. Enable ping SIP
   2. Give the message on noticebox

And toggle cases

Enables/disables single host. But doesn’t touch notice box ☺