

How to know if a network adapter is connected

Source:

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Hello,

I'm writing this message because i 'm making a project using evc and winsock.

In fact i use a dhcp server with two network card:

- one card is an ethernet card.
- the second is using USB rndis.

For my dhcp server i need to know the interface which is connected.

At the beginning, i use

```
addr.sin_family = AF_INET;
addr.sin_addr.s_addr = INADDR_ANY;
addr.sin_port = htons(67);

if (SOCKET_ERROR == bind(sock, (LPSOCKADDR)&addr, sizeof(addr)))
{
    ErrorMsg("Windows Sockets error %d: Couldn't bind thread socket.",
    WSAGetLastError());
    closesocket(sock);
    return 0;
}
```

So after i'm waiting for receiving data:

```
while (!g_stopDHCP)
{

//if ((len=safe_rcv(sock, buf, 548, 0, 1000))>0)
if ((len=rcv(sock, buf, 548, 0))>0)
{

.....

}
```

How to know if a network adapter is connected

But i need to know which interface (the ethernet card or USB) is connected ?
I need to know that because the address that i give is different for each connection.

Thanks to help me please.

F.

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