

Re: RAW Sockets and Possibilities

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2004-03/5713.html>

From: Scott (*scottaf_at_yahoo.com*)

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I've never worked with anything like you're describing, but here's a C# article that may give you some ideas...

<http://www.codeproject.com/csharp/SendRawPacket.asp>

"KevJB" <beasley@bigpond.net.au> wrote in message
news:B2E0733D-F88F-495C-ABF4-2456916B5E81@microsoft.com...

> *Hey All,*

> *I'm really struggling to come up with any solid info on VB.NET sockets particularly if they are operating in RAW mode. I'll try and keep this short and simple as I am beginning to loose hope that anyone out there understands the sockets well enough to be able to help me.*

> *1. Using RAW sockets can I somehow capture all packets addressed to an IP address without caring what port they are directed to? What about a promiscuous routing mode where I can capture all packets (don't care if they have to be directed to my computer in the first place or not, just want to know), filter according to rules and retransmit any packets I might want on another outgoing socket (maybe to a internet machine or something)?*

> *2. If any of the above is yes, does anyone have any examples of dealing with TCP and IP headers + Options and Data and the rest under VB.NET? Are there any detailed books on the subject? Does anyone have time to discuss the basics with me if there are no other forms of reference?*

> *3. If No to all of 1, what other languages can anyone recommend that offer the simple and well defined GUI building tools of VB and the power to handle raw sockets like C++? I've looked at Visual C++ but the GUI tools don't really live up to expectations. Am I looking for C# or should I dump the Visual Studio package completly and look elsewhere for a programming language of choice?*

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> *Thanks Heaps to anyone who can offer any help at all on this question, feel free to reply or e-mail me if you need clarification of what I am asking about or what I would like to do exactly.*

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> *Thanks for your time,*

> *Kevin-John Beasley*