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Subject: Using Socket to read wireless LAN router info page  
Posted by [Andrew Cool](#) on Mon, 01 Jan 2007 05:09:08 GMT  
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Hi Folks,

Happy New Year!! ;-)

Santa was good to me and put in wireless broadband link at home, which beats the old 31kb dialup line by the proverbial country mile.

But I'm only getting 40% of the 2Mb bandwidth plan that I signed up for, so I'm trying to gather the Signal, Noise and SNR values from the router every minute, and plot some graphs to wave under the noses of the Techs at my ISP. It would just be much nicer to do the reading and plotting in IDL.)

I'm using a Linksys Wireless-G 2.4GHz Broadband router that provides info on signal strength and noise on an IP address of 198.168.1.1

Now my Firefox browser can download & display that page of XHTML info, as can a program that I wrote in Basic that uses Windows API calls to download a URL page direct to a file.

But, I can't get IDL's Socket command to access that IP :-(

Perhaps it just can't??

I've tried a loop like:-

```
for port = 1,8080 do begin
  socket,lun,'198.168.1.1',port,/get
end
```

but just can't make contact.

Is there some special syntax or port number that should be used to contact such a beastie?

Many Thanks,

Andrew Cool  
Adelaide, Australia

PS : To anyone who knows about such things, the Signal strength is consistently about 20-22 dB above the Noise. Is that good/bad/indifferent for 2.4GHz wireless broadband?

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