

Re: How to get the Internet Speed

Source: <http://coding.derkeiler.com/Archive/Java/comp.lang.java.programmer/2006-03/msg04843.html>

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 - *Date:* Fri, 31 Mar 2006 01:06:13 -0700
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On Thu, 2006-03-30 at 23:34 -0800, moumitaghosh@xxxxxxxxxxxxxxxx wrote:

hi all,
I need to get the internet speed,how can i get this

Transfer a stream of bytes across a socket and measure the time elapsed.

You might be able to make some native query to get signal rate of an interface, but that won't tell you anything (you can have a 100Mb ethernet to a router that's connected via 56K)

Networks can be asymmetric, can vary from one moment to the next, can have all kinds of different latency issues. If you want, say, a webservice to know if the client is on a dialup versus a broadband connection, the best thing to do is ask the user. If that's not an option

If you can trust the client clock and have enough precision, you could have it send you a timestamp and get a rough idea of the transfer rate. Or you could possibly make this transparent on the server side with a redirect. There might even be a way to do this in an Apache bridge with a servlet container like Tomcat.

If it's just a client program that wants to get the transfer rate from the host it's running on, you could just make it do an http get against google or ietf.org something reliable like that, and measure the time it takes for the bytes to arrive.

Maybe there are better ways.

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