Subject: How to check internet availability?
Posted by forlano on Sun, 11 Jan 2015 13:07:26 GMT
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Hello,

do we have some way to check if we are connected to a working network?
It would be nice to have the solution for both windows and linux, but even a dirty solution (using Windows API) only for windows would be ok.

Thanks,
Luigi

Subject: Re: How to check internet availability?
Posted by Oblivion on Sun, 11 Jan 2015 13:48:19 GMT
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Hello Luigi,

The easiest workaround that comes to my mind is trying to connect to a known network or host (such as google) and grabbing the socket errors if any.

and WSAGetLastError() for WSAEHOSTUNREACH on Windows.

On windows, there are also InternetGetConnectedState() and InternetCheckConnection() functions, from Windows 2000 and on.
http://msdn.microsoft.com/en-us/library/windows/desktop/aa38 4702%28v=vs.85%29.aspx

http://msdn.microsoft.com/en-us/library/windows/desktop/aa38 4346%28v=vs.85%29.aspx

Regards,
Oblivion

Subject: Re: How to check internet availability?
Posted by forlano on Sun, 11 Jan 2015 16:18:27 GMT
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Thank you!

Luigi

Subject: Re: How to check internet availability?
Posted by andreincx on Mon, 12 Jan 2015 07:20:39 GMT
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Hi,

Another portable solution (using U++):
bool isConnected = IpAddrInfo().Execute('google.com', 80);

Andrei

Subject: Re: How to check internet availability?
Posted by forlano on Mon, 12 Jan 2015 14:25:26 GMT
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Very good!

thanks,
Luigi