

Re: Problems with CAsyncSocket.

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TonyG wrote:

But... On my slow laptop, if I am receiving a large packet, when I perform the "Receive", I will get exactly the entire packet. Occasionally on my laptop and usually always on an different PC (faster?) I will receive only the first part of the packet. The amount varies somewhat, but is around 50%. I will usually get another OnReceive call where I will get the remaining part of the packet.

Is it suppose to work this way?

Yes, that's the way the asych socket works.

It guarantees you'll receive the data in the order you sent it, but guarantees nothing about how many calls it will take to receive it.

In your OnReceive, you should assume nothing about the length of the data you will receive.

You could receive:

1. Nothing
2. a part of a package.
3. A full package
4. More than one full package (Maybe 2, maybe 1 and a half, etc).

So, all you can do is receive the data that's available, then parse it to see if you've received a full package, and handle it appropriately if you have, and then go back to receiving.

Just remember that the only real thing you can assume about the incoming data is that it will get there eventually (assuming the connection stays open), and it will be in the same order that it was sent in.

Josh McFarlane

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