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Subject: Re: Urr

Posted by [mirek](#) on Sat, 08 Jan 2011 19:15:13 GMT

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Didier wrote on Mon, 28 December 2009 06:53Hi Tojoky,

UDP can be used safely between two computers in a LAN. If you plan to use it over internet a problem comes immediately to you:

UDP is allowed to lose packets (without you being noticed !)

There are two solutions:

1 - you can afford to lose some packets

2 - you have a dedicated control mechanism (as in TCP)

A second problem comes: it is not guaranteed that you will receive all the packets in original order ! ( although most of them will be in the wright order )

However, those are things that Urr solves...

Well, for very large amounts of data, TCP will be better. But if your usage scenario is about making a lot of quick requests and getting response that usually (not always!) is less than say 32KB, Urr shall be better - it takes quite long for TCP to establish connection, while for Urr request/response are just 2 packets.

If your response data too often >32KB, Urr still would work fine, but at some point TCP/IP would start to be better.

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