

Point-to-Point

Point-to-point is the simplest model of communication, as illustrated in Figure 1; it is a model of one-to-one communications. The telephone is an example of an everyday point-to-point communications device. To use a telephone, you must know the address (phone number) of the other party. Once a connection is established, you can have a reasonably high-bandwidth conversation. However, the telephone does not work as well if you have to talk to many people at the same time. The telephone is essentially one-to-one communication.



Figure 1: Point-to-Point Communication Model

TCP is a point-to-point network protocol designed in the 1970s. While it provides reliable, highbandwidth communication, TCP is cumbersome for systems with many communicating nodes.

Source: <https://community.rti.com/glossary/point-point>

From:
<https://omgwiki.org/ddsf/> - DDS Foundation Wiki

Permanent link:
https://omgwiki.org/ddsf/doku.php?id=ddsf:public:guidebook:06_append:glossary:p:point-to-point&rev=1591307998

Last update: 2020/06/04 17:59

