

Transport ¶

Service

Transport (javadoc/org/arl/unet/Services.html#TRANSPORT) – Transport service

Agents offering the *Transport* service provide end-to-end reliability and fragmentation/reassembly for large datagrams. They may also support connection-oriented services for data streaming. Agents providing this service typically use the Routing (svc-30-routing.html#svcrouting) service for multi-hop delivery of data.

All agents supporting this service support the Datagram (svc-02-datagram.html#svcdatagram) service, along with the RELIABILITY (javadoc/org/arl/unet/DatagramCapability.html#RELIABILITY) and FRAGMENTATION (javadoc/org/arl/unet/DatagramCapability.html#FRAGMENTATION) capabilities. It is also recommended that they support the CANCELLATION (javadoc/org/arl/unet/DatagramCapability.html#CANCELLATION) and PROGRESS (javadoc/org/arl/unet/DatagramCapability.html#PROGRESS) capabilities, since datagrams at this level are likely to be large.

Implementations

- SWTransport (javadoc/org/arl/unet/transport/SWTransport.html) – provides a batch stop-and-wait ARQ based end-to-end reliable transport service