

Real-time Publish-Subscribe (RTPS)

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Real-time Publish-Subscribe (RTPS) Wire Protocol defines a set of requirements for a wire protocol suitable for the [Data Distribution Service \(DDS\)](#). Primary considerations in the design of the RTPS wire protocol are: [performance](#), configurability (tuning quality-of-service), [fault-tolerance](#) (no single points of failure), extensibility (support new transports), plug-and-play connectivity (automatic discovery), [modularity](#), [scalability](#), and [type safety](#).

Source: [Real-time Publish-Subscribe \(RTPS\)](#)

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