

## Topic

A **Topic** is the most basic description of data that is to be published and/or subscribed to. A topic connects a data writer with a data reader, i.e., communication does not occur unless the topic published by a data writer matches a topic subscribed to by a data reader. Communication via topics is anonymous and transparent, i.e., publishers and subscribers need not be concerned with how topics are created or who is writing/reading them since the [data\\_distribution\\_service\\_dds DCPS](#) middleware manages these issues. In programming terms, a Topic is a Class and each instance is a Sample. Topic instances are associated with a key (similar to a packet ID), defined by IDL and a set of Quality of Service parameters.

Source: [OpenSplice Glossary](#)

From:  
<https://www.omgwiki.org/dds/> - **DDS Foundation Wiki**

Permanent link:  
[https://www.omgwiki.org/ddsf/doku.php?id=dds:public:guidebook:06\\_append:glossary:t:topic&rev=1600714021](https://www.omgwiki.org/ddsf/doku.php?id=dds:public:guidebook:06_append:glossary:t:topic&rev=1600714021)

Last update: **2020/09/21 14:47**

