

# Topic

[Return to Glossary](#)

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/dido/> - **DIDO Wiki**

Permanent link:

[https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a\\_glossary:t:topic&rev=1605303646](https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a_glossary:t:topic&rev=1605303646)

Last update: **2020/11/13 16:40**

