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 Interface Definition Language (IDL) and a set of Quality of Service parameters.

Source: OpenSplice Glossary

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

Permanent link:
https://omgwiki.org/ddsf/doku.php?id=ddsf:public:guidebook:06_append:glossary:t:topic&rev=1626291983

Last update: **2021/07/14 15:46**