

Durability

[Return to Glossary](#)

Durability is responsible for maintaining historical data between services and providing historical data to late joining applications. Specifies if [Samples](#) should outlive their [Data Writers](#) for late joiners. The longer a sample lives the greater the overhead passed to the [Data Distribution Service \(DDS\)](#) becomes as it moves from dropping samples, to keeping them in shared memory, and to writing them to hard disk. Provided variants include:

- **Volatile**
No need to keep Samples for late joining [Data Reader](#).
- **Transient Local**
Data [instance](#) availability for late joining data reader is tied to the DataWriter availability.
- **Transient**
Data sample availability outlives the data writer.
- **Persistent**
Data sample availability outlives system restarts.

Source: [OpenSplice Glossary](#)

From:

<https://omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:

https://omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a_glossary:d:durability&rev=1624484335

Last update: **2021/06/23 17:38**

