

Appendix A: DDS Family of Standards

[Return to Appendices](#)

About the Family of Standards

The [data_distribution_service_dds](#) Family of Standards covers a wide range of different aspects of DDS usage. The core set of standards considered essential to the use of DDS are referred to as *Core*. It is possible to use DDS without using a standard Application Programming Interface ([API](#)) but the API Standards allow for the [portability](#) of the code written using different vendors' software. For example, if the Java 5 API is used to develop software with a particular vendor, the software should move with only minor modifications to use another vendors product.

DDS Standards

- [Core DDS Standards](#)
 - [OMG: Data Distribution Service \(DDS\)](#)
 - [OMG: DDS Data Local Reconstruction Layer \(DDS-DLRL\)](#)
 - [OMG: DDS Interoperability Wire Protocol \(DDSI-RTPS\)](#)
 - [OMG: Extensible and Dynamic Topic Types for DDS \(DDS-XTypes\)](#)
 - [OMG: DDS Security \(DDS-SECURITY\)](#)
 - [OMG: Interface Definition Language \(IDL\)](#)
- 2. [02_api](#)
 - [c_language_for_dds](#)
 - [java_5_language_for_dds](#)
 - [Other language APIs](#)
- 3. [03_ext](#)
 - [ddsrpc](#)
 - [ddxml](#)
- 4. [04_gate](#)
 - [ddsweb](#)
 - [ddsopcua](#)
 - [ddsxrce](#)
- 5. [05_wip](#)
 - [ddstsn](#)
 - [ddsjson](#)
 - [tcpippsm](#)
 - [idljava](#)
 - [idlcsharp](#)

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Last update: **2021/07/14 15:26**

