

Appendix A: DDS Family of Standards

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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

- [01_core](#)
 - [data_distribution_service_dds](#)
 - [dlrl](#)
 - [ddsi_rtps](#)
 - [dds_extensible_types_dds-xtypes](#)
 - [dds_security](#)
 - [interface_definitions_language_idl](#)
- 2. [02_api](#)
 - [OMG: ISO/IEC C++ 2003 Language DDS PSM \(DDS-PSM-Cxx\)](#)
 - [OMG: Java 5 Language PSM for DDS \(DDS-Java\)](#)
 - [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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