

# Work-in-Progress (WiP) for DDS

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Create a New Page for OMG Spec (e.g. [DDS](#) ) **Acronym** →

|                                               |                                                                                                                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OMG: DDS-Time Sensitive Networks (DDS-TSN)    | defines a set of mechanisms to allow <a href="#">Data Distribution Service (DDS)</a> to be deployed on, and leverage, <a href="#">tsn</a> . Defines the mapping of the <a href="#">DDSI-RTPS protocol</a> to a TSN transport. |
| OMG: DDS C# API                               | defines a DDS PSM for the C# programming language                                                                                                                                                                             |
| OMG: DDS Consolidated JSON Syntax (DDS-JSON)  | defines a consolidated <a href="#">JSON syntax</a> to represent DDS resources, such as Data Types, <a href="#">QoS</a> Policies, DDS Entities, and DDS Data.                                                                  |
| OMG: RTPS TCP/IP PSM for DDS Interoperability | defines the mapping of the <a href="#">DDSI-RTPS</a> protocol to a <a href="#">TCP/IP</a> transport.                                                                                                                          |
| OMG: IDL4 to Java Language Mapping            | updates <a href="#">idl</a> to Java Language mapping to account for newer Java Language features and uses the latest IDL4.                                                                                                    |
| OMG: IDL4 to C# Language Mapping              | defines the IDL4 to C# Language mapping.                                                                                                                                                                                      |
| OMG: IDL4 to C++ Language Mapping             | defines the IDL4 to C++ Language mapping                                                                                                                                                                                      |

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