

# Appendix J: Acronyms

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Acronym	Meaning
API	<a href="#">Application Programming Interface</a>
CORBA	<a href="#">Common Object Request Broker Architecture</a>
DCPS	<a href="#">Data-Centric Publish-Subscribe</a>
DDS	<a href="#">Data Distribution System</a>
DDSI	<a href="#">Data-Distribution Service Interoperability (see also RTPS)</a>
DDS-Java	<a href="#">OMG: Java 5 Language PSM for DDS (DDS-Java)</a>
DDS-JSON	<a href="#">OMG: DDS Consolidated JSON Syntax (DDS-JSON)</a>
DDS-OPCUA	<a href="#">OMG: OPC-UA/DDS Gateway (DDS-OPCUA)</a>
DDS-PSM-Cxx	<a href="#">OMG: ISO/IEC C++ 2003 Language DDS PSM (DDS-PSM-Cxx)</a>
DDS-RPC	<a href="#">OMG: RPC Over DDS (DDS-RPC)</a>
DDS-SECURITY	<a href="#">OMG: DDS Security (DDS-SECURITY)</a>
DDS-TSN	<a href="#">OMG: DDS-Time Sensitive Networks (DDS-TSN)</a>
DDS-WEB	<a href="#">OMG: Web-Enabled DDS (DDS-WEB)</a>
DDS-XML	<a href="#">OMG: DDS Consolidated XML Syntax (DDS-XML)</a>
DLRL	<a href="#">Data Local Reconstruction Layer</a>
DoD	<a href="#">U.S. Dept of Defense</a>
FACE	<a href="#">Future Airborne Capability Environment</a>
GVA	<a href="#">General Vehicle Architecture</a>
HWIL	<a href="#">Hardware-in-The-Loop</a>
ID	<a href="#">Identifier</a>
IDL	<a href="#">Interface Definition Language</a>
IEEE	<a href="#">Institute of Electrical and Electronics Engineers</a>
IoT	<a href="#">Internet of Things</a>
IIoT	<a href="#">Industrial Internet of Things</a>
IP	<a href="#">Internet Protocol</a>
MDA	<a href="#">Model Driven Architecture</a>
MDA	<a href="#">Missile Defense Agency</a>
MOSA	<a href="#">Modular Open Systems Approach</a>
MQ	<a href="#">Message Queue</a>
OMG	<a href="#">Object Management Group</a>
OSF	<a href="#">Objective Simulation Framework</a>
OPC	<a href="#">Open Platform Communications</a>
OPC-UA	<a href="#">OPC Unified Architecture</a>
QoS	<a href="#">Quality of Service</a>
PIM	<a href="#">Platform Independent Model</a>
PSM	<a href="#">Platform Specific Model</a>
RFP	<a href="#">Request For Proposal</a>
RFC	<a href="#">Request for Comment</a>
RFI	<a href="#">Request for Information</a>
RPC	<a href="#">Remote Procedure Call</a>

Acronym	Meaning
RTI	<a href="#">Vendor: Real-Time Innovations (RTI)</a>
RTPS	<a href="#">Real-time Publish-Subscribe Protocol (see also DDSI)</a>
RTPS TCP/IP PSM	<a href="#">OMG: RTPS TCP/IP PSM for DDS Interoperability</a>
SCADA	<a href="#">Supervisory Control and Data Acquisition</a>
SIG	<a href="#">Special Interest Group</a>
SOSA	<a href="#">Sensor Open System Architecture</a>
SPI	<a href="#">Service Plugin Interface</a>
SSL	<a href="#">Secure Sockets Layer</a>
TCP	<a href="#">Transmission Control Protocol</a>
TLS	<a href="#">Transport Layer Security</a>
TSN	<a href="#">Time-Sensitive Networks</a>
UDP	<a href="#">User Datagram Protocol</a>
UID	<a href="#">Unique Identifier</a>
UAV	<a href="#">Unmanned Aerial Vehicles</a>
UML	<a href="#">Unified Modeling Language</a>
VDS	<a href="#">Virtual Dedicated Server</a>
VPS	<a href="#">Virtual Private Server</a>
XRCE	<a href="#">Extremely Resource Constrained Environments</a>
XTypes	<a href="#">Extensible And Dynamic Topic Types</a>

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Last update: **2021/07/14 15:35**

