

# OMG: Web-Enabled DDS (DDS-WEB)

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Table 1: Data sheet for Web-Enabled DDS (DDS-WEB)

Title	Web-Enabled DDS
Acronym	DDS-WEB
Version	1.0
OMG Document Number	formal/16-03-01
Release Date	February 2016
About Specification	<a href="https://www.omg.org/spec/DDS-WEB/">https://www.omg.org/spec/DDS-WEB/</a>
Document	<a href="https://www.omg.org/spec/DDS-WEB/1.0/PDF">https://www.omg.org/spec/DDS-WEB/1.0/PDF</a>

**Note:** The following is an excerpt from the actual document. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

## Purpose

The *goal* of this specification is to define the means for applications using standard web protocols to participate as first-class citizens as publishers and subscribers of data in the *data\_distribution\_service\_dds* Global Data space. This participation is realized by exposing a WebDDS Object Model and making it accessible as a web service, a *REST* resources, or some other standard web *protocol*. Exposing access via these web-friendly protocols allow applications built on various technology stacks (e.g. JavaScript, Python, PHP, Perl , etc.) to communicate with native DDS applications.

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