

Interface Definition Language (IDL)

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The Interface Definition Language (IDL) specifies only the [syntax](#) used to define the data types and interfaces. It is normally used in connection with other specifications that further define how these types/interfaces are utilized in specific contexts and platforms:

- Separate “language mapping” specifications define how the IDL-defined constructs map to specific [programming languages](#), such as, C/C++, Java, C#, etc.
- Separate “[serialization](#)” specifications define how data objects and method invocations are serialized into a format suitable for network transmission.
- Separate “[middleware](#)” specifications, such as, [data_distribution_service_dds](#) or [CORBA](#) leverage the IDL to define data-types, services, and interfaces. The description of IDL grammar uses a syntax notation that is similar to Extended Backus-Naur Format (EBNF).

Source: [Interface Definition Language \(IDL\)](#)

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