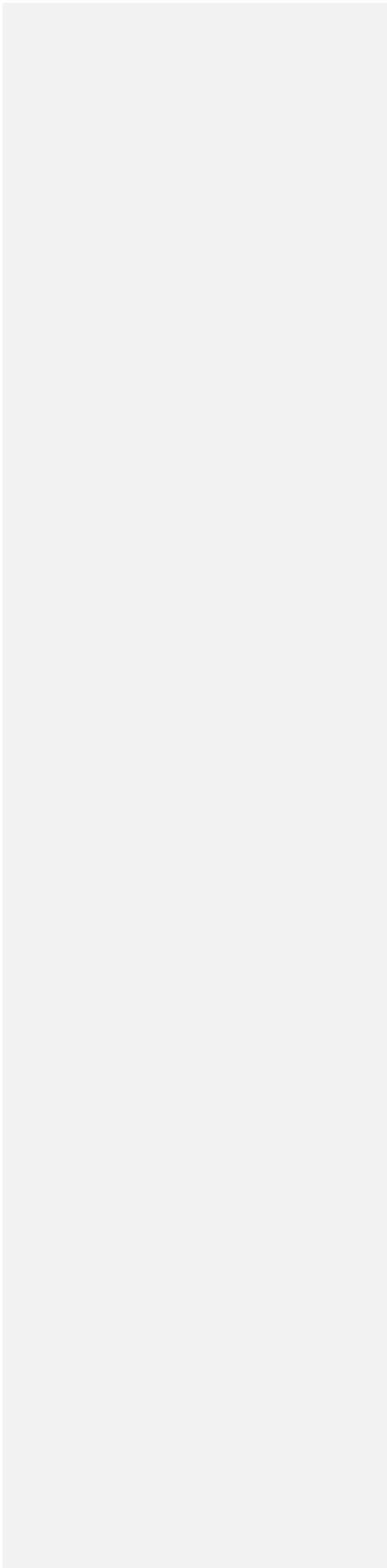


ECMA

Standardizing Information and Communication Systems

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**Common Language Infrastructure (CLI)
Technical Report:
Information Derived from Partition IV XML File**



1 This Technical Report is intended as an aid for understanding the libraries specified in Standard ECMA-335
2 Partition IV: Profiles and Libraries. That Partition includes a machine-readable specification, in XML, of the types
3 that comprise the standard libraries. This Technical Report, in companion files, provides the following items which
4 help to form a traceable chain from the normative XML specification to a portable, printable representation of its
5 contents:

- 6 1. **Tool Source Code.** A program written in the C# programming language, XML Style-sheet
7 Language (XSL), and using the facilities of the Microsoft .NET Framework™ and Microsoft
8 Office™ to convert the XML into files viewable using Microsoft Word™. This program,
9 provided by Intel Corporation, can be modified to produce other views of the XML.
- 10 2. **Microsoft Word™ Files.** These are the files produced by running the tool mentioned above on
11 the XML from Partition IV. The ECMA task group TC39/TG3 used similar files (produced using
12 earlier versions of this tool run against earlier versions of the XML) as the primary means of
13 reviewing the XML.
- 14 3. **PDF™ Files.** These files are produced from the Microsoft Word™ files using the Adobe
15 Acrobat™ program. They are viewable on a wide range of computer systems and printable on a
16 range of computer output devices. In most cases, they will appear visually identical regardless of
17 the means used to render them.

18 Partition IV normatively specifies the format of the XML file. The tool provided here renders all parts of the XML
19 with the following exceptions, which may be inspected directly in the XML file:

- 20 • The normative XML element “AssemblyCulture” which is required to be “none”. The element is intended
21 for future use.
- 22 • The informative XML elements “altcompliant” and “altmember” which suggest alternative methods for
23 accomplishing a task. This information is informative, rarely provided in the XML, and is really intended
24 for the use of computer tools.
- 25 • The informative XML attribute “Name” on the element “Type”. This is a simplified form of the FullName
26 which is rendered by the tool and can be mechanically generated from that FullName.
- 27 • The informative XML attribute “FullNameSP” on the element “Type”. This serves as a unique identifier
28 that can be used by tools, and is mechanically generated.

Comment [JSM1]: This should be amended when the number is assigned by the ECMA office.

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