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Technologies de l'information — Langages de programmation, leur environnement et interfaces des logiciels de systèmes — Suite de spécifications ECMAScript®



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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This first edition of ISO/IEC 22275 was prepared by Ecma International (as ECMA-414) and was adopted, under a special "fast-track procedure", by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by the national bodies of ISO and IEC.

This first edition of ISO/IEC 22275 cancels and replaces ISO/IEC 16262:2011. Technical content has been replaced with normative references to ECMA-262 and ECMA-402 which, together, were equivalent to the former ISO/IEC 16262:2011. This first edition of ISO/IEC 22275 is complemented with additional specifications, thus now establishing a full specification Suite.

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Introduction

ECMAScript is the general purpose programming language that is an essential part of the Web Browser application platform, but it is also widely used in many other environments.

Essential components of an ECMAScript implementation are described in several individual standards and technical reports.

The ECMAScript Specification Suite is just a collection of those. The specifications that define the ECMAScript programming language and its built-in libraries are developed by Ecma International.

The International Standard for ECMAScript Specification Suite defined by this document aggregate these specifications via normative and informative references to the latest published Ecma International ECMAScript specifications. This has the advantage that an update of the Suite is only needed if there is a change (addition or deletion) in the set of the individual ECMAScript standards and technical reports.