



**Standard** ECMA-414

1<sup>st</sup> Edition / June 2016

**ECMAScript<sup>®</sup>  
Specification Suite**

**Standard**



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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.

ECMAScript is being described in several individual standards and technical reports.

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

The International Standard for ECMAScript Specification Suite defined by this document show 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.

This Ecma Standard has been adopted by the General Assembly of June 2016.

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# ECMAScript Specification Suite

## 1 Scope

This International Standard defines the ECMAScript Specification Suite containing the ECMAScript programming language and its required and optional built-in libraries.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ECMA-262, *ECMAScript Language Specification*

ECMA-402, *ECMAScript Internationalization API Specification*

ECMA-404, *The JSON Data Interchange Format*

## 3 Informative references

ECMA TR/104, *ECMAScript Test Suite*

## 4 ECMAScript

An implementation of ECMAScript consists of the ECMAScript programming language, required built-in libraries, and optional built-in libraries. The implementation of the ECMAScript language and required library shall conform to ECMA-262, *ECMAScript Language Specification*. An implementation of ECMAScript may include an optional internationalization library that if included shall conform to ECMA-402, *ECMAScript Internationalization API Specification*.

## 5 ECMAScript Test Suite

Ecma International TR/104, *ECMAScript Test Suite* provides a set of non-normative software tests that ECMAScript implementers can use to help verify conformant ECMAScript implementations.

