







JavaScript (JS) is a lightweight interpreted (or [just-in-time](#)  compiled) programming language with [first-class functions](#). While it is most well-known as the scripting language for Web pages, [many non-browser environments](#)  also use it, such as [Node.js](#), [Apache CouchDB](#)  and [Adobe Acrobat](#) . JavaScript is a [prototype-based](#), multi-paradigm, [single-threaded](#), [dynamic](#) language, supporting object-oriented, imperative, and declarative (e.g. functional programming) styles.

JavaScript's dynamic capabilities include runtime object construction, variable parameter lists, function variables, dynamic script creation (via [eval](#)), object introspection (via [for...in](#) and [Object utilities](#)), and source-code recovery (JavaScript functions store their source text and can be retrieved through [toString\(\)](#)).

This section is dedicated to the JavaScript language itself, and not the parts that are specific to Web pages or other host environments. For information about [APIs](#) that are specific to Web pages, please see [Web](#) and [DOM](#).

