

Popular browsers and their JavaScript engines.

1. V8 Engine (Chrome):

- V8 uses a JIT compiler called Ignition and a more optimizing JIT compiler named TurboFan. Ignition is responsible for quickly parsing and executing code, while TurboFan performs more aggressive optimization on frequently executed code to improve performance.

2. Spider Monkey (Firefox):

- Spider Monkey utilizes the IonMonkey JIT compiler, which optimizes JavaScript code for execution. It compiles JavaScript to machine code, making it faster to run.

3. Chromium (Microsoft Edge) :

- Loading....

4. JavaScript Core (Safari):

- JavaScriptCore uses the Nitro JavaScript engine, which includes a JIT compiler known as the Low-Level Interpreter (LLInt) for rapid execution and the optimizing Just-In-Time (JIT) compiler for performance improvements.