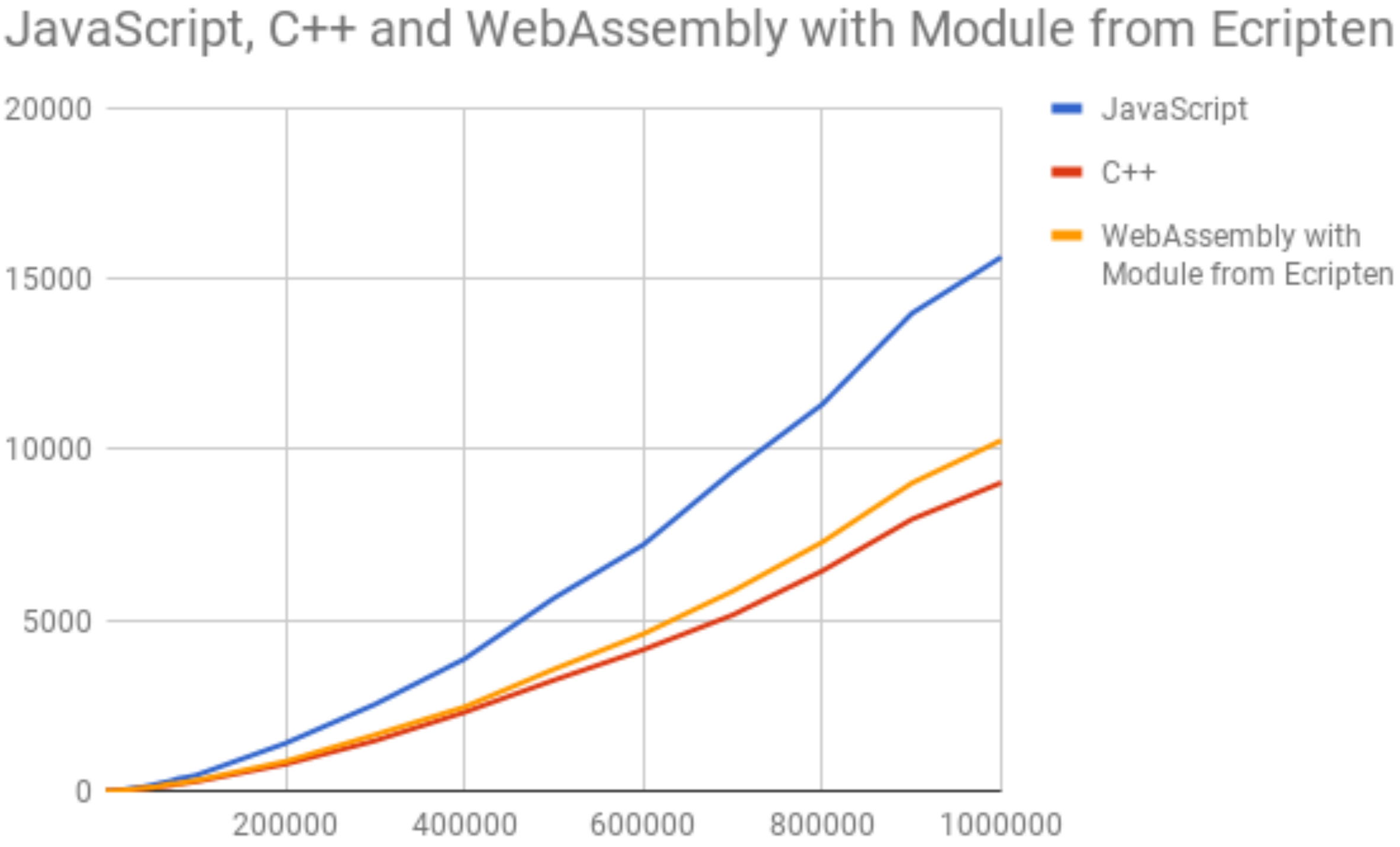
Google

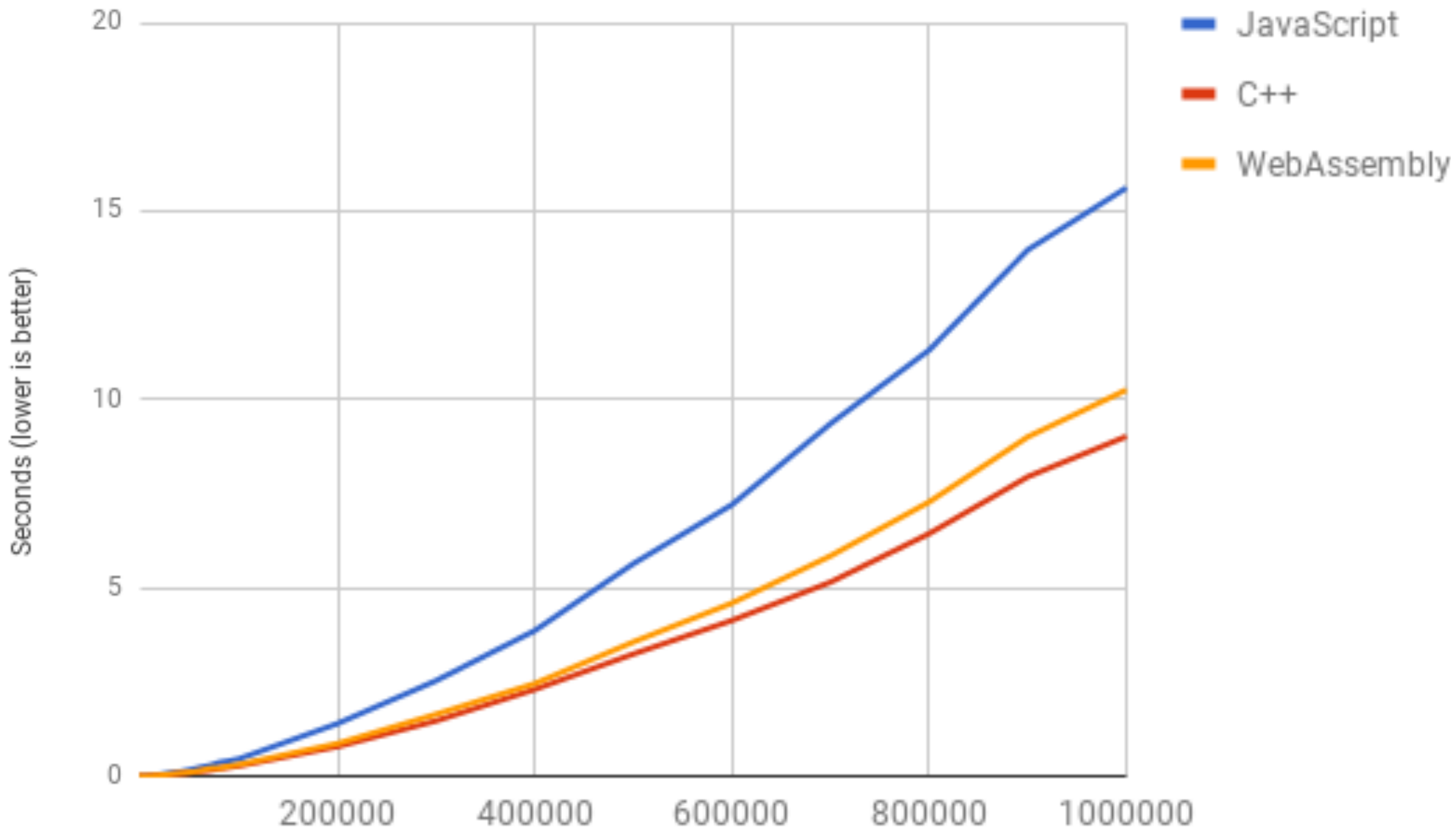
@fhinkel


JavaScript, C++ and WebAssembly with Module from Ecripten
20000
15000
10000
5000
0
200000
400000
600000
800000
1000000
JavaScript
C++
WebAssembly with Module from Ecripten

Time to calculate one prime number

n-th prime

SPEED, SPEED, SPEED

- Modern JavaScript is fast
  - No overhead for using different language
- Native C++ slightly faster
- WebAssembly almost native speed
  - Runs in browsers
- Don’t blindly optimize. Always measure first.

Time to calculate one prime number