

# Text Editor Speed Comparison

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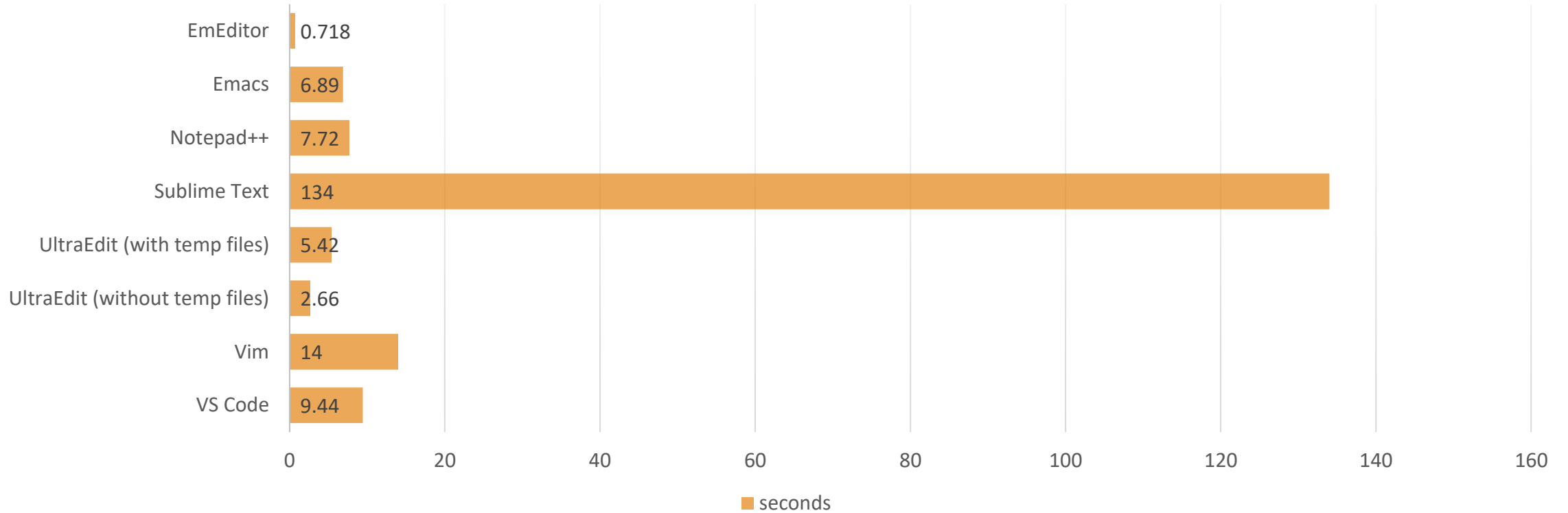
August 18, 2023  
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Emurasoft, Inc.

# Test conditions

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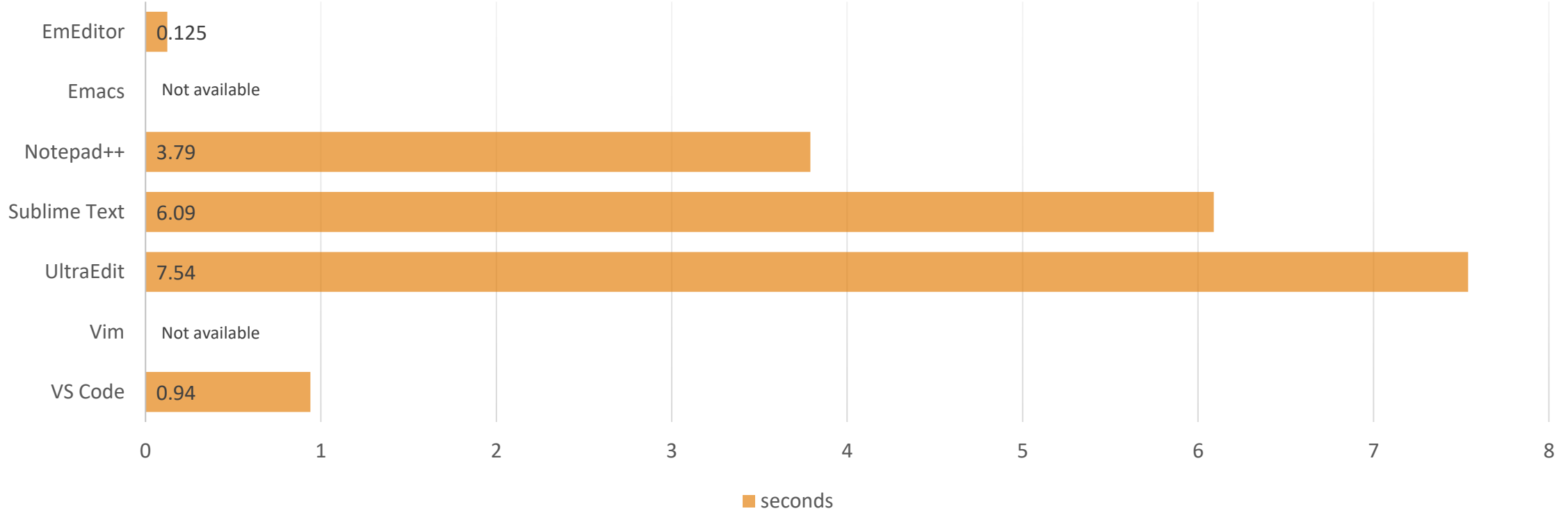
- Find in Files: 8 files, total 5.73 GB
- All other tests: 100 million lines, 1.34 GB random ASCII data file
- All default options, Windows 11, Core i9-11900K, 64GB RAM, 2TB SSD
- Tested apps
  - EmEditor Professional v22.5.2 (64-bit)
  - Emacs v29.1.2
  - Notepad++ v8.5.5
  - Sublime Text 4 Build 4152
  - UltraEdit v2023.0.0.50 (64-bit), use temporary files in all tests except Open
  - Vim v9.0
  - Visual Studio Code v1.81.1
- ❖ **Disclaimer:** We tested all apps as accurately as possible; however, all speeds depend on the tested computers, files, and other factors. All speeds, as well as failed tests (including crashes, incomplete, and partial results), may be improved or resolved in future app versions. We recommend that you install and compare these apps for yourself. Other factors, including the feature set, stability, usability, affordability, and design, should also be considered when deciding which app to choose.

## OPEN A LARGE FILE



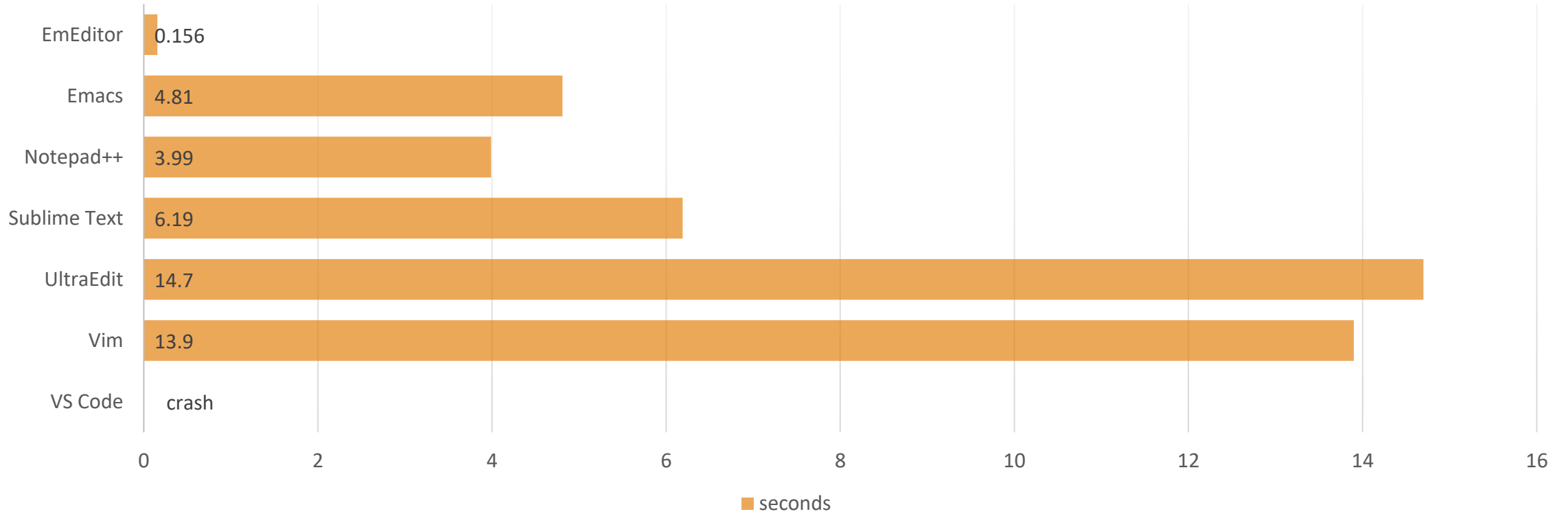
Open  
3.7 – 187 times Faster

## FIND (COUNT MATCHES)



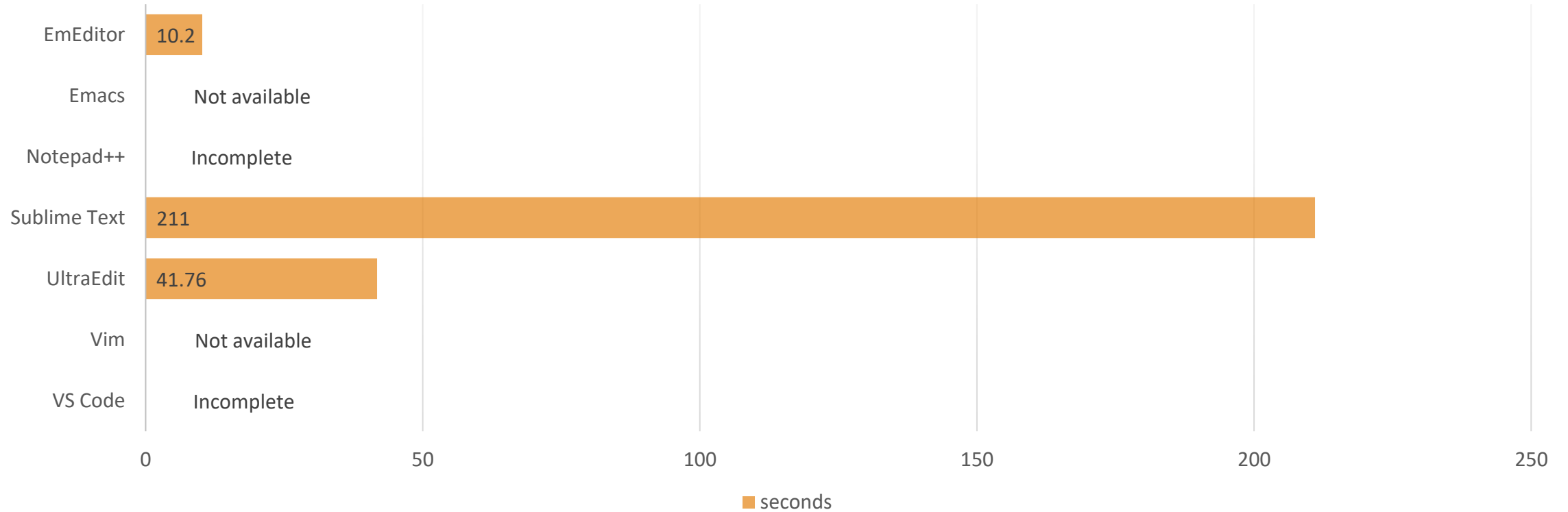
Find  
7.5 – 60 times Faster

## REPLACE ALL



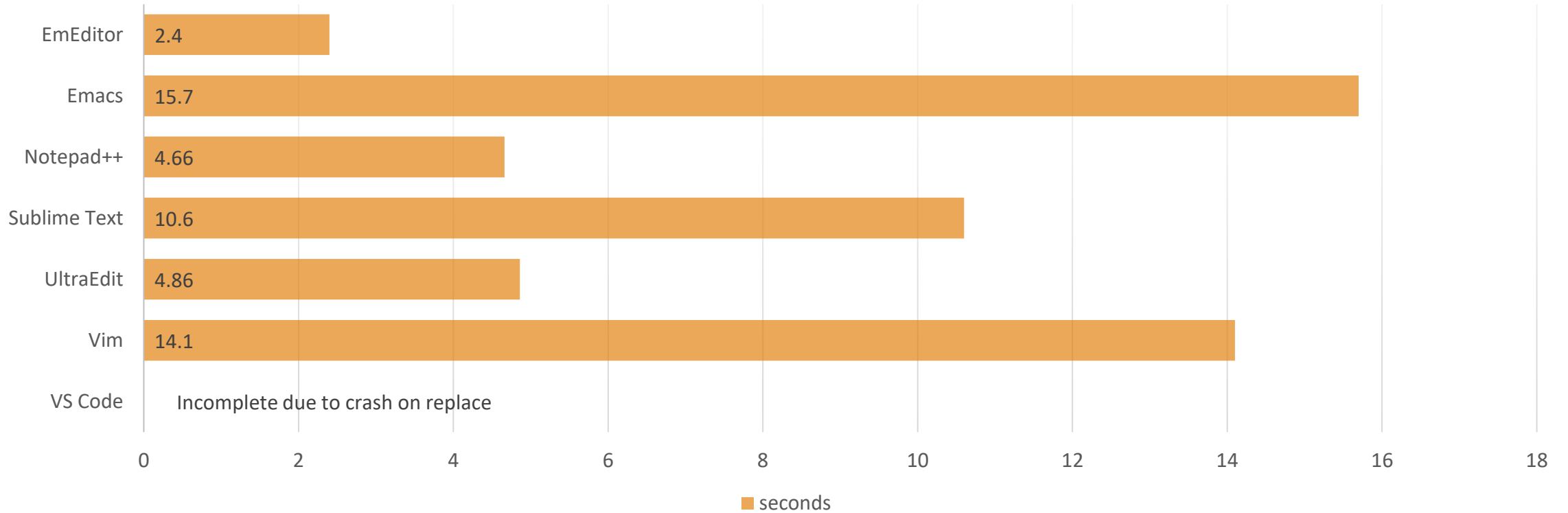
Replace  
26 – 94 times Faster

## SORT A TO Z



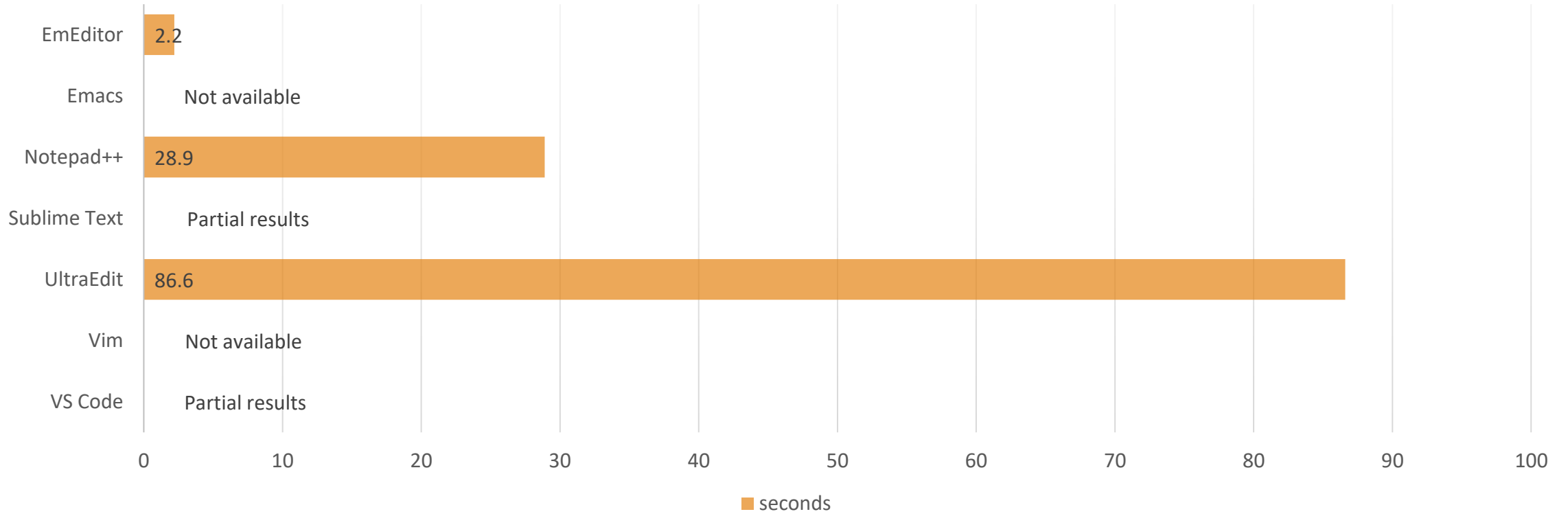
Sort  
4 – 21 times Faster

## SAVE A LARGE FILE



Save  
2 – 6.5 times Faster

## FIND IN FILES



Find in Files  
13 – 40 times Faster



# Summary

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| Task          | Speed comparison (EmEditor vs others) |
|---------------|---------------------------------------|
| Open          | 3.7 – 187 times Faster                |
| Find          | 7.4 – 60 times Faster                 |
| Replace       | 26 – 94 times Faster                  |
| Sort          | 4 – 21 times Faster                   |
| Save          | 2 – 6.5 times Faster                  |
| Find in Files | 13 – 40 times Faster                  |

# Why is EmEditor fast?

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- Native C++ program designed **exclusively for Windows**.
- Native **64-bit** build.
- Optimized by **Multithreading** techniques.
- Dynamically manages thread load balance (supports **E-Core/P-Core** hybrid architecture).
- Uses SIMD including **AVX**, **AVX-2**, and **AVX-512** instruction sets.
- The app is divided into several **DLLs** and **plug-ins** for **faster program loading**.
- We have been **actively updating** the program **since 1998**.
- ❖ Ed Burnette called EmEditor the *"World's fastest text editor (ZDnet.com)"*.