

Strace

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Introduction

- Powerful and easy to use (relatively)
- Trace system calls and signals
- Command line syntax can be arcane
- Requires minimal OS understanding to prove useful

Why Would I Need to Use strace?

- The world is far from perfect
- As a learning tool to understand application execution
- Directs you to the related source code
- Help application developers resolve your issues



Strace Usage

- Specifying an output file
- Limiting and formatting output
- Following forked processes
- Attaching to running processes

Reading Strace Output

- Understanding system calls
- Locating handled signals
- Finding execution errors

Alternative to Strace

- ktrace
- gdb
- Many others exist and are useful within their respective domains

Conclusion

Question
&
Answer