

adrianogil and **bgianfo** · Add a story about a u... · d5dff2e · 2 weeks ago ·

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Debugging stories

Debugging stories are fun! This is a collection of links to various debugging stories.

Non Fiction stories

[An unprecedented look at STUXNET, the world's first digital weapon](#)

[Atop segfaults](#)

[Breakpoint takes 15ms](#)

[Bug that hides from breakpoints](#)

[C64 Variable Screen Position crash](#)

[Chrome development branch crashes with x87 FPU stack overflow](#)

[Crash Bandicoot memory card corruption](#)

[Crashes only on Wednesdays](#)

[Custom Rust OS crashes](#)

[Debian package data corruption, but only on sparc64](#)

[Debugging an evil Go runtime bug](#)

[Debugging Insights](#) (collection of stories on separate pages, submitted to Dave Agans, the author of "Debugging: The 9 Indispensable Rules for Finding Even the Most Elusive Software and Hardware Problems")

[Digital divider with wrong output](#)

[Email only goes 500 miles](#)

[How I cut GTA Online loading times by 70%](#)

[Impossible random number collision happened in practice](#)

[Incorrect sign masking operation](#)

[iOS file corruption](#)

[First Instance of Actual Computer Bug Being Found](#)

[FIRST robotics dashboard segfaults due to finalizer](#)

[Fixing A Bug In An 18 Year Old Shockwave Game](#)

[FriendNet / WoW message corruption](#)

[FPGA / CPU timing bug](#)

[Gdb set follow-fork-mode child doesn't work](#)

[git - pack corruption post-mortem](#)

[Grep segfaults](#)

[GWT test passes during normal runs but fails during coverage runs](#)

[Java 8 webapp performance problems](#)

[JVM has 6-7 second GC pauses](#)

[Linux kernel CPU contention](#)

[Login only works when sitting down \(and other stories\).](#)
From Jon Bentley's *Programming Pearls*, section 5.10

[Mandrill stops sending messages](#)

[Matrix transformation is 10x faster in a test harness than in the game](#)

[Memory-corruption / threading bug](#)

[Mouse won't move while processes are dying](#)

[MS Money crashes.](#) Includes reverse engineered binary patch fix!

[Multicast to 237.0.0.1 acts craters performance](#)

[Network link instability due to DB caching policies](#)

[NFS bug hunting on GitLab](#)

[Node.js memory leak](#)

[OpenOffice + Ubuntu | 2009-04-28](#) - "My wife has complained that OpenOffice will never print on Tuesdays" (bug is actually with the [file utility](#))

[OS crashes on boot if machine was used recently](#)

[PDP-11 crashes only when live cattle are being shipped from northern Ukraine and western Russia](#)

[Perl can't read from TMPDIR? \(separate analysis of the same issue here\)](#)

[Polish S doesn't appear on medium](#)

[PS2 SDK doesn't zero the .bss segment](#)

[Python hashes files differently on different days](#)

[Python/Flask/S3 absurd memory usage](#)

[Register allocation algorithm in JIT uses extra register](#)

[Script crashes before 10 a.m](#)

[SIGALRM timer hangs](#)

[Signal fails only when returning from page fault handler](#)

[Signal handling on 286 emulator for Xenix](#)

[The Case of Veeerry Slow Logons](#)

[SSH sometimes fails from cron](#)

[Stack corruption when using select\(\)](#)

[Switch crashes machine despite not being connected](#)

[The Debug heap that created bugs](#)

[The Wi-Fi only works when it's raining](#)

[Tmux/vim strangeness](#)

[Tracking down a CPU bug in Solaris across multiple OS layers](#)

[uint32_t gets truncated to 16 bits](#)

[Unit tests fail when run in Australia](#)

[Windows crash dump of nonsensical instruction](#)

[HTTP/HTTPS not working inside your VM? Wait for it.](#)

[The big handle gamble](#)

[We had a unit test once which only failed on Sundays](#)

Fictional stories

[Coding Machines](#)

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About

A collection of debugging stories. PRs welcome (sorry for the backlog) :-)

[danluu.com/teach-debugging/](#)

[debugging](#)

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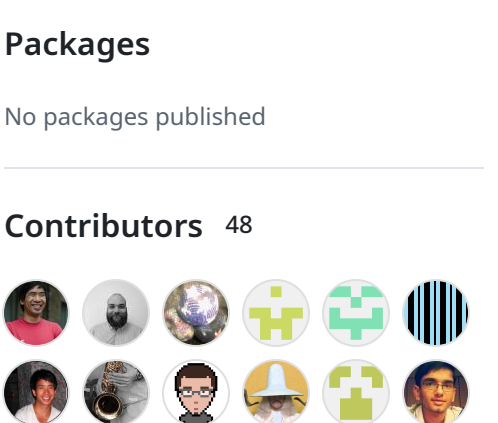
Releases

No releases published

Packages

No packages published

Contributors 48



[+ 34 contributors](#)

TODOs:

- Improve formatting.
- Write up some interesting bugs: 40 hour hang, hardware bug caused by copying behavior of Intel engineering sample found on ebay, etc.

