

1 Please stand; now, please be seated.

Neighbors, please join me in reading this eleventh release of the International Journal of Proof of Concept or Get the Fuck Out, a friendly little collection of articles for ladies and gentlemen of distinguished ability and taste in the field of software exploitation and the worship of weird machines. This is our eleventh release, given on paper to the fine neighbors of Washington, D.C.

If you are missing the first ten issues, we the editors suggest pirating them from the usual locations, or on paper from a neighbor who picked up a copy of the first in Vegas, the second in São Paulo, the third in Hamburg, the fourth or eighth in Heidelberg, the fifth in Montréal, the sixth in Las Vegas, the seventh from his parents' inkjet printer, the ninth in Montréal, or the tenth in Novi Sad or Stockholm.

Our sermon today, to be found on page 4, is a sordid tale in the style of a Dickensian ghost story. Pastor Laphroaig invites us to the anatomical theater, where helpless tamagotchis are disassembled in front of an audience, for *FUN!*

Page 7 contains a delightfully sophisticated and reliable exploit for Pokémon Red on the Super GameBoy, starting from a save-game glitch, then working forward through native Z80 code execution to native 65C816 code on the host Super NES. They do all of this on real hardware with scripted access to only the gamepad and the reset switch!

Keeping up our tradition of shipping in funky file formats, this PDF is a new polyglot! Page 24 contains the details for how this PDF is also an exploit, loading Pokémon Plays Twitch in the Lsnes emulator.

Micah Elizabeth Scott is becoming a regular contributor to this journal, and we eagerly await each of her submissions. Page 26 contains her notes on ARM's replacement for JTAG, called Single Wire Debug or SWD. Driving SWD from an Arduino, she's able to move the target machine like a marionette, scripted from literate HTML5 programming with powerful new elements such as `swd-hexedit`.

When we heard that Amanda Wozniak was contracted to reverse engineer a pregnancy test, but never paid for the work, we quickly scrounged up five Canadian loonies to buy the work as scrap. Page 32 contains her notes, and we'll happily pay five more loonies to the first use of this technology in a Hackaday marriage proposal or shotgun wedding.

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On page 39, Peter Ferrie shares tricks for breaking the copy protection of dozens of Apple][games. When we told Peter to keep his notes to six pages, he laughed and dared us to find tricks worth cutting from his article. Accordingly, our cutting-room floor is empty and this article is the most complete collection of Apple][cracking techniques in modern publication.

Travis Goodspeed has been playing with Digital Mobile Radio (DMR) lately, a competitor to TETRA and P25 that is used for amateur radio, as well as trunked radio for businesses and cash-strapped police departments. Page 76 contains his notes for jailbreaking the Tytera MD380's bootloader, dumping all of protected memory, then patching its application to enable promiscuous mode. These tricks should also work on the CS700, CS750, and a variety of other DMR handhelds.

On page 88, the last and most important page, we pass around the collection plate. We don't need your dimes, but we'd love some nifty proofs of concept.