November 18, 2026 · Project release

UnPromised

A static Lua and Luau deobfuscator for Prometheus and WeAreDevs.

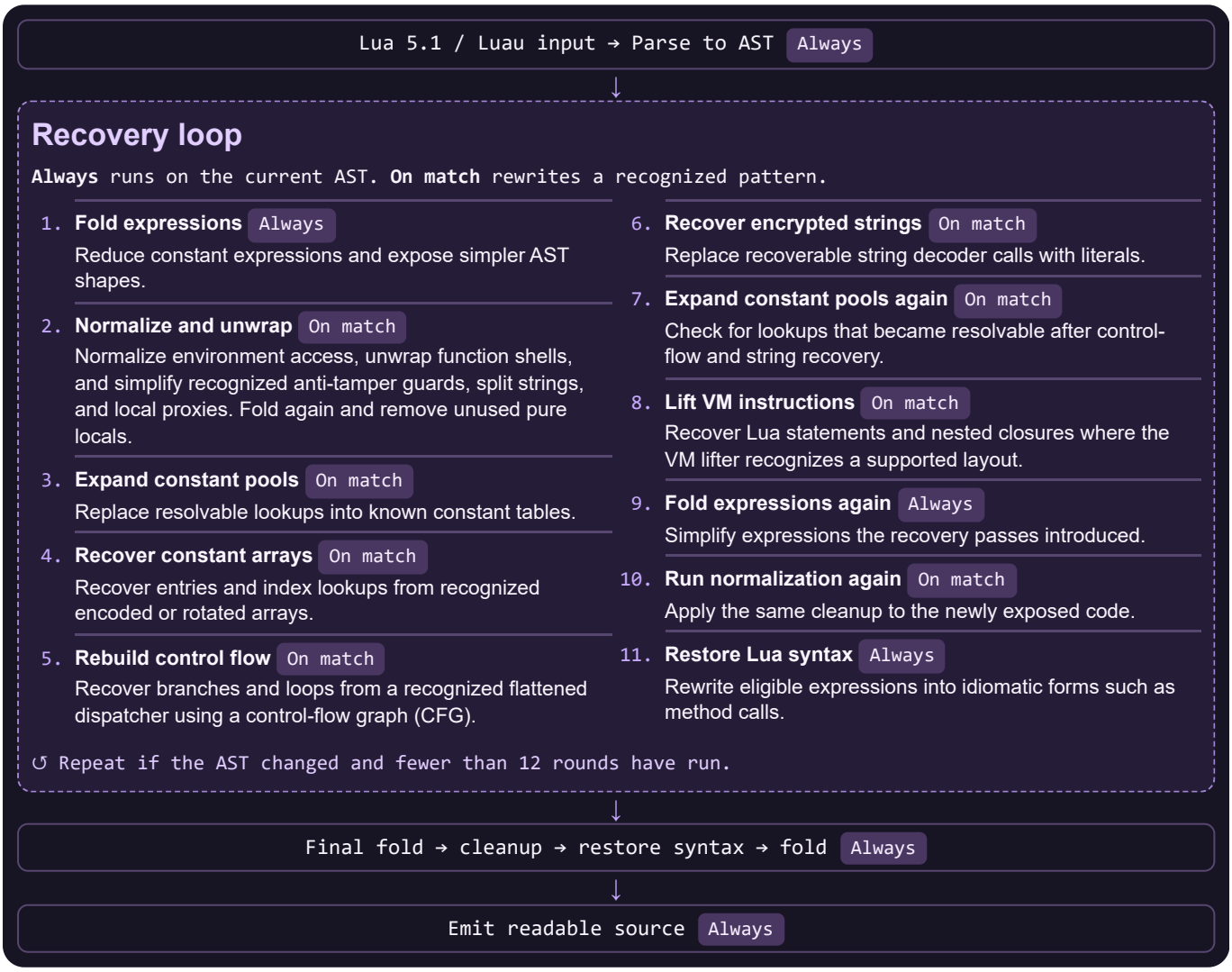
Supported versions

- **WeAreDevs** · Latest web build (v1.0.0 output banner)
- **Prometheus** · v0.1 through v0.3.1, including the v0.2 series and the v0.3 VM
- **Input** · Lua 5.1 and Luau

We're releasing UnPromised as an open-source project under the MIT license. The web version is already live on FireflyProtector and free to use with an account. The source will be available in the GitHub repository, where you can run the CLI locally or use the pipeline as a Lua module.

How the pipeline works

UnPromised is written in pure Lua. It parses the input into an abstract syntax tree (AST) and rewrites that tree without executing the input script. Every round calls the same passes in the same order. What changes from one script to the next is which passes find something they can rewrite.



Watermark removal is enabled in final cleanup and applies when a watermark is present.

The CLI's `--info` flag reports which layers it detects. The recovery loop makes its own decisions from the current AST. A flattened dispatcher can trigger CFG recovery in older Prometheus or WeAreDevs output. A recognized bytecode layout can trigger VM lifting for the VM introduced in Prometheus v0.3. Both can apply to the same script. A wrapper can also hide a layer until a later pass opens it up, which is why we check again on the next round.

100% deobfuscation coverage

We reached 100% coverage of the obfuscation layers in the supported WeAreDevs and Prometheus versions. Getting there took a lot of work. We had to handle older output and newer VM builds in the same pipeline, then get the passes to work together when a preset stacked those layers in one script.

Thanks to the community

Thanks to everyone in the community who followed the project and supported the work. If you want to talk about UnPromised or show us what you're working on, join us on Discord. And once the GitHub repository goes public, we'd appreciate a star.

UnPromised · FireflyProtector / WBB Developer Group