Contribution ID: **207** Type: **not specified**

# Low-overhead memory allocation tracking

*Monday, September 12, 2022 12:40 PM (25 minutes)*

Tracking memory allocations for leak detection is an old problem with many existing solutions such as kmemleak and page_owner. However these solutions have relatively high performance overhead which limits their use. This talk will present memory allocation tracking implementation based on code tagging framework. It is designed to minimize performance overhead, while capturing enough information to discover kernel memory leaks.

## I agree to abide by the anti-harassment policy

Yes

**Primary authors:** OVERSTREET, Kent; BAGHDASARYAN, SUREN

**Presenters:** OVERSTREET, Kent; BAGHDASARYAN, SUREN

**Session Classification:** Kernel Memory Management MC

**Track Classification:** LPC Microconference: Kernel Memory Management MC