
Kernel Project

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Goal

Provide kernel memory profiling tools to analyze memory efficiency using `kmalloc()`, `relayfs` and userspace tools

Procedure Outline

1. Set up relayfs channel
2. Write data to user space

Set up relayfs channel

- Create a channel using `relay_open()`
- Create a file system using `debugfs`

Communication protocol

- User space application
 - mmap
 - flags
 - implementation
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Demonstration



Key Takeaways

- Kernel is just a program
 - Relayfs is powerful
 - Memory tracing has many uses
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