

# Nouveau Generic Allocator Implementation in GBM

*Thursday, October 3, 2019 2:00 PM (45 minutes)*

I will discuss the results of an effort to implement the concepts discussed in my prior generic Unix device memory allocator talks as extensions to the existing GBM API with a nouveau driver backend. Based on prior feedback, DRM format modifiers will be used in place of what were previously called “capabilities”. I will attempt to demonstrate the feasibility of this less-invasive approach, and demonstrate the performance/efficiency compared to existing GBM usage models.

## Code of Conduct

Yes

## GSoC, EVoC or Outreachy

**Presenter:** JONES, James (NVIDIA)

**Session Classification:** Main Track

**Track Classification:** Talk (full slot) (closed)