Media Device Allocator API
• Global media device instance list
• Media device is kref counted.
• Released when the last reference is gone.
• allocate, get, put struct media_device.
• Register count to keep track of media device registrations.
• Unregister is done when the last driver does unregister.
• Media device is deleted when it is unregistered (not released).
• Driver allocates – second driver gets reference.
• media_open() gets reference.
• media_release() puts reference.
• Media device should stick around until the /dev/mediaX is closed.

• Media device should stay registered until the last driver unregisters it.
• Issues:
  - cdev_put() from do_exit() occurs after media device is released.
  - cdev_get() tries to load owner
    • au0828 owns cdev, when it goes away (unbind/rmmod), subsequent /dev/mediaX open fails