

FILE: drivers/gpu/drm/exynos/exynos_drm_crtc.c (Thread 1)

32. static void exynos_drm_crtc_atomic_disable(...) {

① 42. if (crtc->state->event && !crtc->state->active) {
 // crtc->state->event is set to NULL by thread 2
⑤ 43. spin_lock_irq(&crtc->dev->event_lock);
⑥ 44. drm_crtc_send_vblank_event(crtc, crtc->state->event);
45. spin_unlock_irq(&crtc->dev->event_lock);
46.
47. crtc->state->event = NULL;
48. }
49. }

FILE: drivers/gpu/drm/drm_vblank.c (Thread 1)

1082. void drm_crtc_send_vblank_event(..., TYPE *e) {

⑦ 1097. e->pipe = pipe; // Null-pointer dereference

1099. }

FILE: drivers/gpu/drm/exynos/exynos_drm_crtc.c (Thread 2)

120. void exynos_crtc_handle_event(...) {

② 123. struct drm_pending_vblank_event *event = crtc->state->event;

③ 126. if (!event)
127. return;
④ 128. crtc->state->event = NULL;

135. }