

## Thread A - ioctl(CREATE\_DEVICE)

```
/* In fd_install() */
A1  fdt->fd[fd] = file;

/* In kvm_get_kvm() */
A2  if (atomic_fetch_add(kvm->refcnt
                        == 0)
A3      BUG();
```

## Thread B - close()

```
/* In close_fd() */
B1  file = fdt->fd[fd];
B2  if (!file)
B3      return;

/* In kvm_put_kvm() */
B4  if (atomic_dec_and_test
      (kvm->refcnt))
B5      destory_vm(kvm);
```