Descriptor allocation Flowchart Allocate descriptors - Build rlng of configuous memory: Ina-alloc_coherent() Size = sizeof(struct rx-drsc)x Now we have a block of memory that is contiguous a pinned for bidirectional DMA Allocate buffers per mands a 2k buffer 2 escriptor descriptor ring (n=15) for (:=0; i < 16; i+1) {

Struct * rx-desc = E/000-2x-DESC(rins, i); void & but = kmelloc (2048, GFP_KERNEX); Ima-map-single (....) 1x-deg -s buff-addr: epu-to-le64 (phy-buf). Now you have a felly allocated and pinned ring, with a 2t butter assigned to each for 'DMA