

vm_do_clame(page)

- Get frame
- Set link
- Pml4 set up

swapin

Page->opeation -> uninit_ops : **uninit_initialize**

Uninit_intialize(page, kva)

uninit_new()

```
uninit_new (struct page *page, void *va, vm_initializer *init,
            enum vm_type type, void *aux,
            bool (*initializer)(struct page *, enum vm_type, void *)) {
    ASSERT (page != NULL);

    *page = (struct page) {
        .operations = &uninit_ops,
        .va = va,
        .frame = NULL, /* no frame for now */
        .uninit = (struct uninit_page) {
            .init = init,
            .type = type,
            .aux = aux,
            .page_initializer = initializer,
        }
    };
}
```

Malloc

p, upage, init, type, aux, anon_initializer