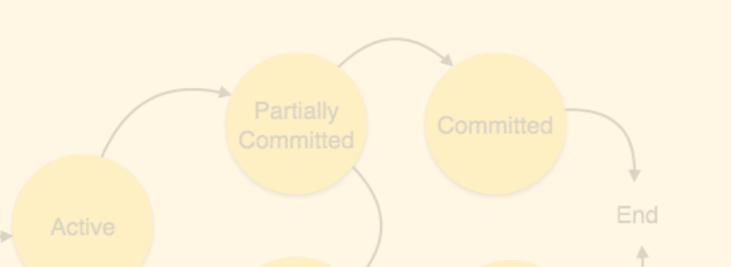




## Dealing With Concurrency

transactions, locking, compare-and-swaps

I warned you about the dragons...





## Tools the ORM provides

> Atomic transactions transaction.atomic()

> Locking Model.objects.select\_for\_update()

> Compare-and-swaps .filter(val=expected).update(val=new)