

rest api

business logic

persistence

```
// in OrgController
public Org createOrg(Organization newOrg) {
    validate(newOrg);
    return orgService.create(newOrg).get();
}

// in OrgService
public Optional<Org> create(Organization newOrg) {
    // is the user authorized permitted to do this?

    // business logic happens here

    return orgRepository.create(newOrg);
}

// in OrgRepository
Optional<Org> create(Organization newOrg) {
    Optional<Org> result;
    // do some logging
    // create a prepared statement
    // execute
    return result;
}
```