

What two problems arise if you don't solve a cross cutting concern via AOP?

Problem #1: Tangling

```
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public class RewardNetworkImpl implements RewardNetwork {
    public RewardConfirmation rewardAccountFor(Dining dining) {

        //Non productive code or non functional code for business requirement
        if (!hasPermission(SecurityContext.getPrincipal())) {
            throw new AccessDeniedException();
        }

        Account a = accountRepository.findByCreditCard(...)
        Restaurant r = restaurantRepository.findByMerchantNumber(...)
        MonetaryAmount amt = r.calculateBenefitFor(account, dining);
        ...
    }
}
```

Problem #2: Scattering

```
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public class JpaAccountManager implements AccountManager {
    public Account getAccountForEditing(Long id) {

        //Non productive code or non functional code for business requirement
        if (!hasPermission(SecurityContext.getPrincipal())) {
            throw new AccessDeniedException();
        }

        ...

    public class JpaMerchantReportingService
    implements MerchantReportingService {
        public List<DiningSummary> findDinings(String merchantNumber,
        DateInterval interval) {

            //Non productive code or non functional code for business requirement -Duplicate
            if (!hasPermission(SecurityContext.getPrincipal())) {
                throw new AccessDeniedException();
            }

            ...
        }
    }
}
```