* Tried to introduce SonarQube at a customer, limited success
* was I asking too much  
  tried for myself
* lots of small stuff, easily fixed on a rainy Sunday afternoon

interesting stuff:

* code duplication because I’ve analysed all services as if they are a single application, which they aren’t, so ignore duplicates for now
* Lots of unused code: constructors, setters, stuff that seemed useful at some point but isn’t used anymore.
* Shipment class in shop project isn’t used at all. Hmm, why is that?

And

Shop.Payment is never used. Payment isn’t received by shop anymore, but shopmanager handles the order\_paid event.

* Remove shop.payment?

Hmm. Can’t just rely on un-used messages from intellij, see e.g. WebUser in shop project. Removing set\* and get\* makes scenariotest fail while project still builds.