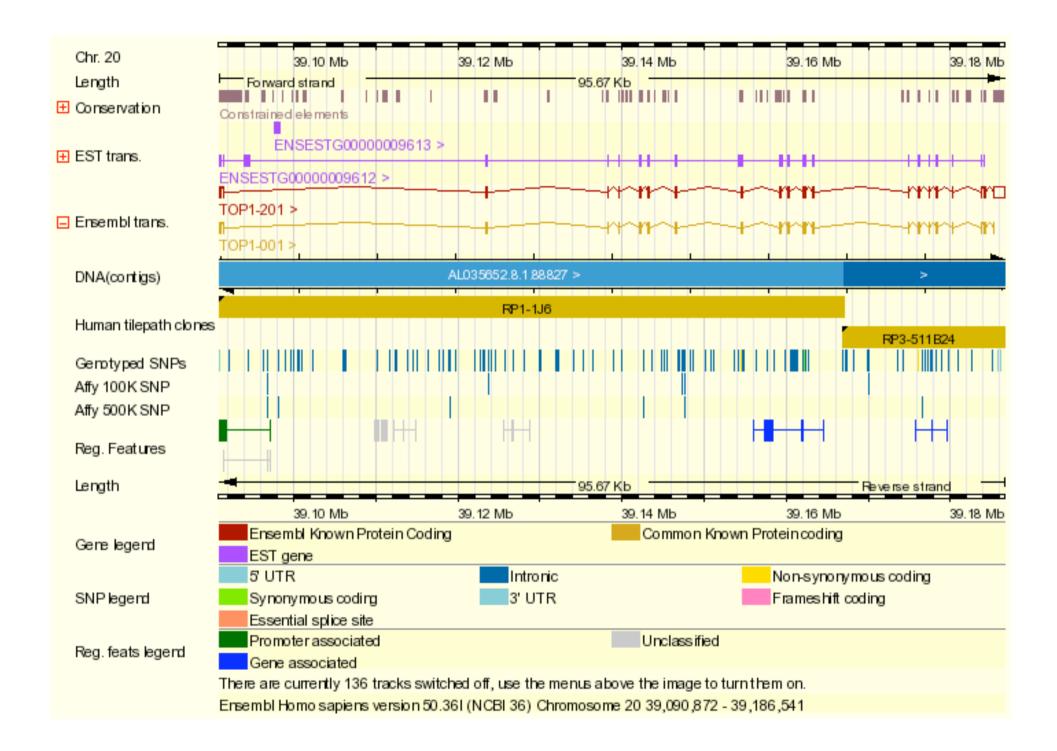




- Participated in the Human Genome project
- CERN of biological data
- Open Data, Open Science, (Open Source)
- Ranked UKs most influential research institute.



Warning: Contains personal opinion

Legacy?

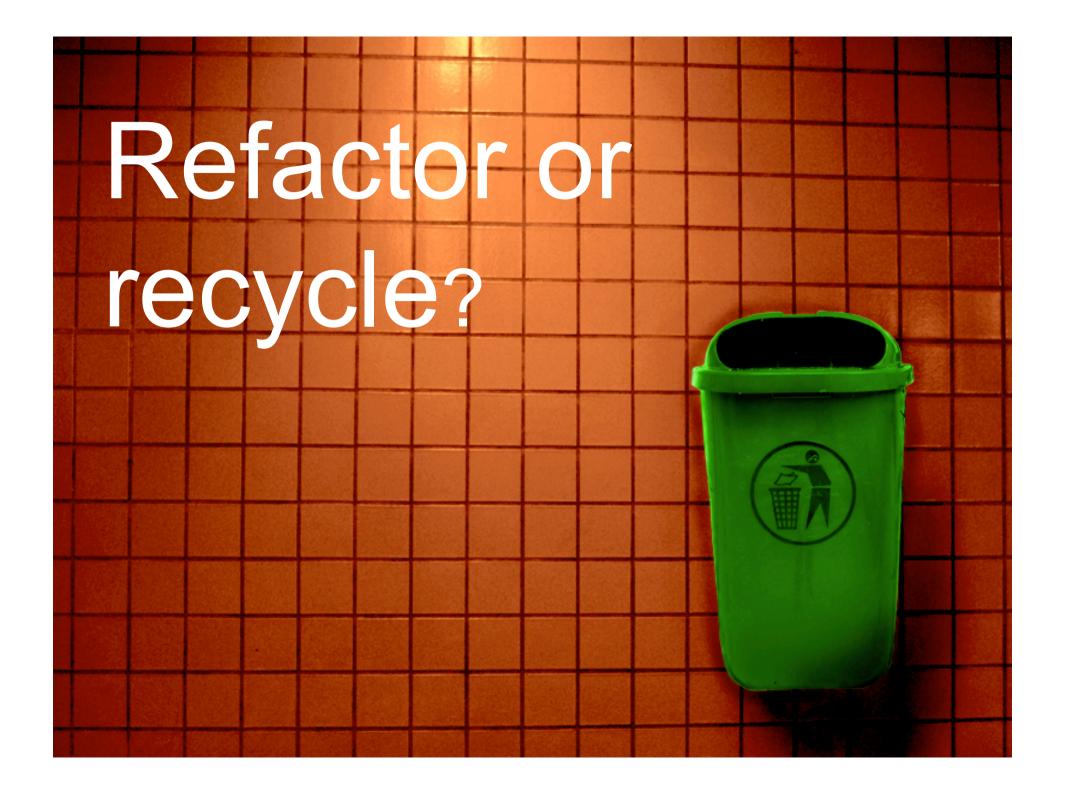
Large?

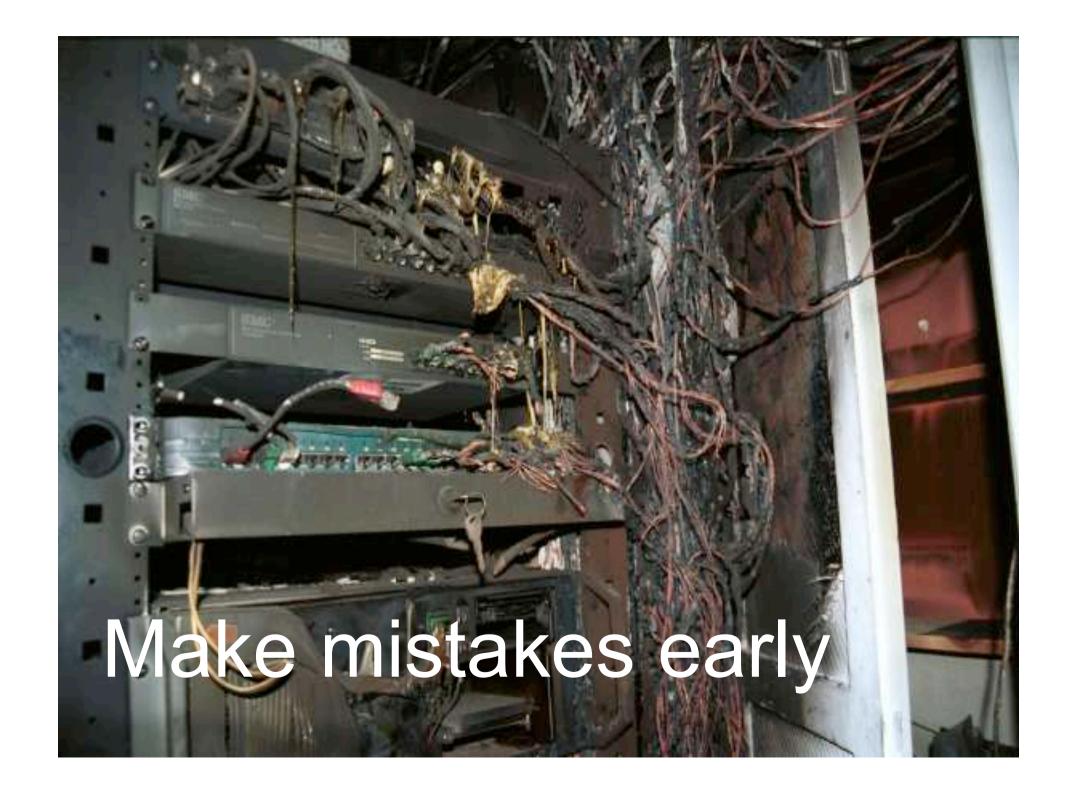
- > 600 Gb 1 Tb OLTP databases
- > 75 Tb of raw data per week
- > 10000 samples
- Complicated analysis
- Novel applications => Extreme amounts of change

Beautiful?



Time is money









Ignore software fatigue

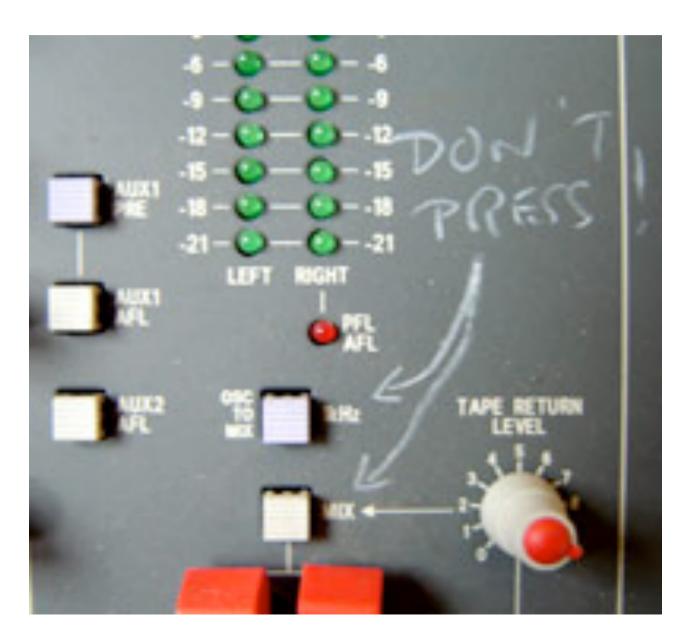
See the project with fresh eyes

Set up a staging environment

Take thing to bits



Is it testable?



Adding tests

- Start from the top
- Be creative when it comes to mocking
- Use language features
- (See a TDD/BDD talk)

See all the code

```
627
```

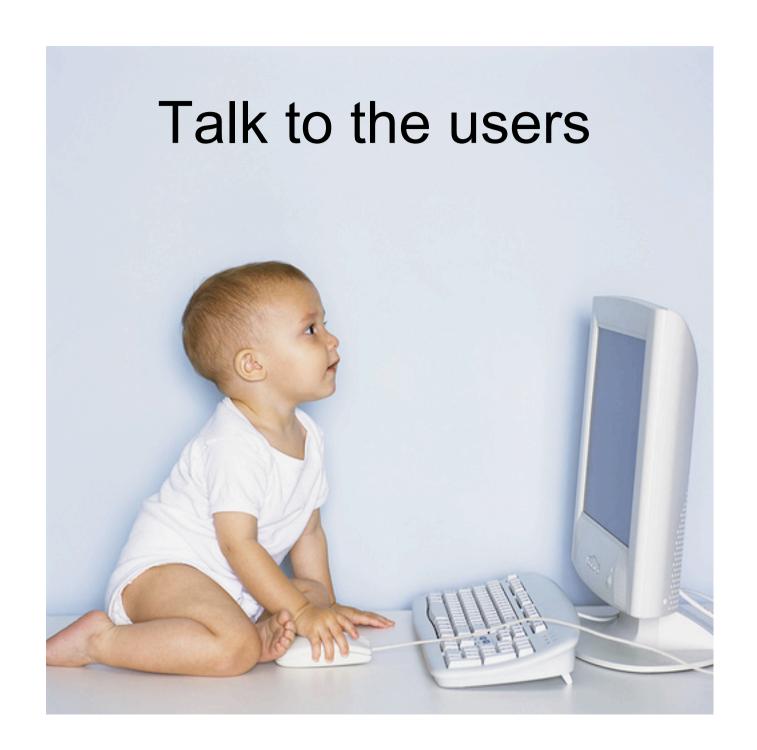
Under utilized technology

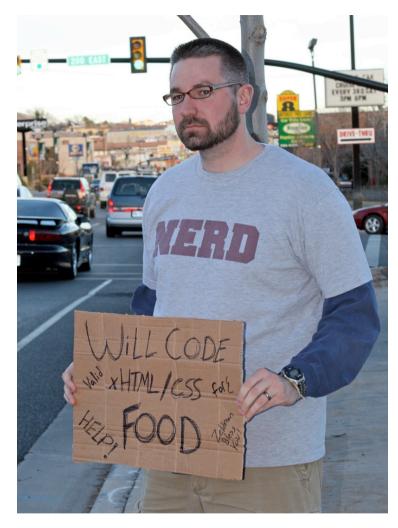
- Are there some features in the current technology stack that can help you.
- Views, PL/SQL, Partioning, Stored procedures
- Facade design pattern

Try and reducing the problem size

Is feature useful or have it just become







Talk to the developers (if they are still around)

My Legacy dogma

- Work towards a complete mental model of the system
- Keep it simple
- Break it early
- Always move forward
- Choose small targets
- Don't take it personal

Come work with Perl

 Come and help human kind by programming Perl (and other things)!

www.sanger.ac.uk blog.clustersolutions.dk

