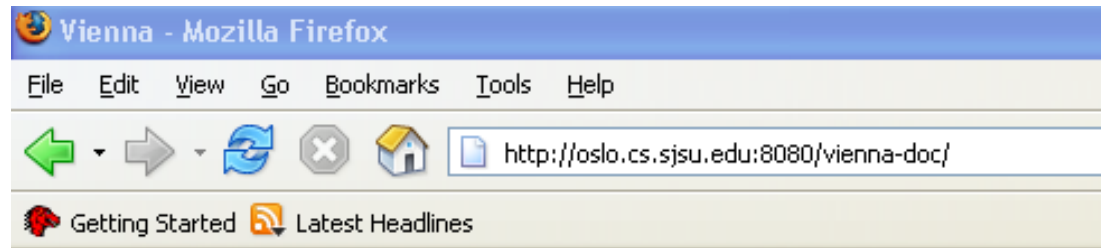




```
.D SUCCESSFUL  
l time: 17 seconds  
oslo:~$ /opt/glassfish/bin/asant -Dteam=vienna -f codegrader.xml ■
```



## Team Vienna

[SRS Document](#)

[Schedule\(XML\)](#)

[Schedule\(Image\)](#)

Design

WED. doc directory

- schedule
- design doc
- dashboard
- individual time reports  
(sep. from hww)

# Metrics

numerical measures  
for project mgmt  
    quality  
    effort

Classical example: LOC  
# of lines of code  
(.java, .jsp, .xml)  
written by human  
purpose: effort  
estimation  
correlate with historical  
data

LOC	bugs
24300	800
43000	1100

Past  
Proj's

LOC	bugs
50000	1200

new  
Proj

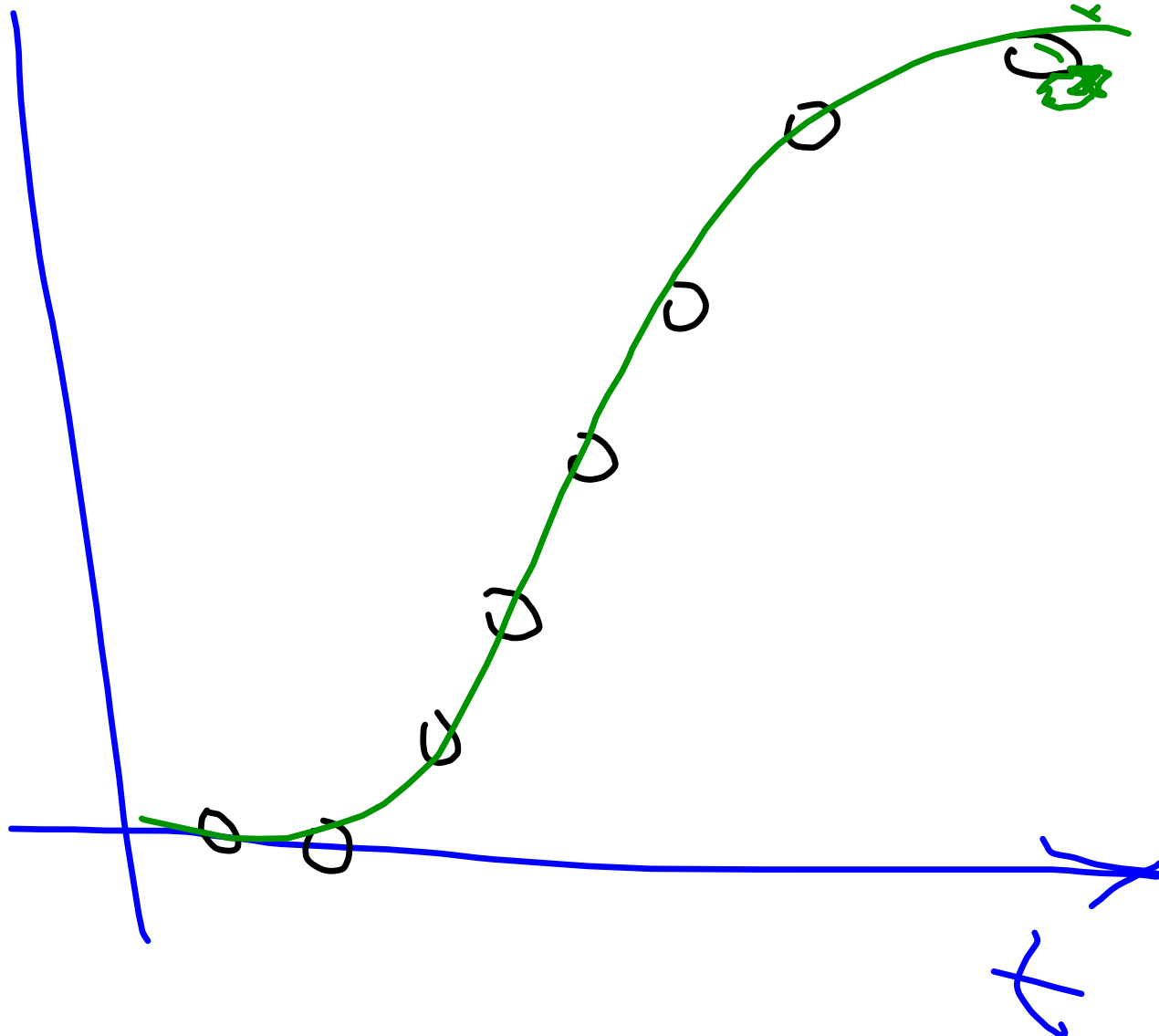
LDC are not a good metric

- Isn't it better to accomplish task in fewer LDC?

- Measure, but don't reward

... but in practice, it's  
not bad  
and it's cheap to  
collect!

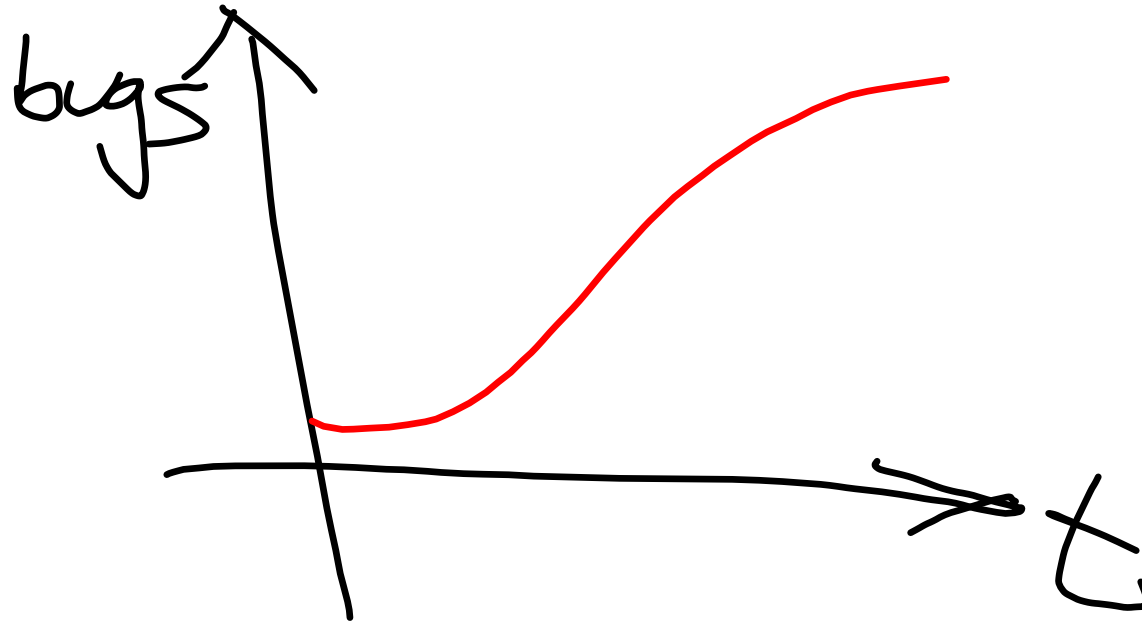
LDC



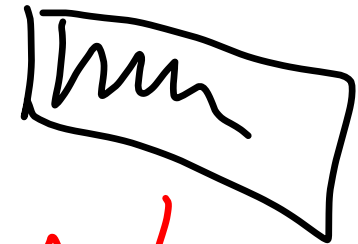
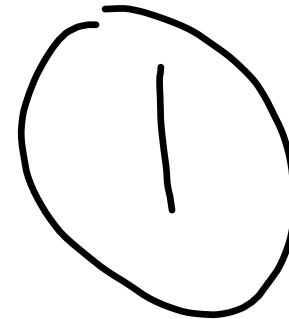
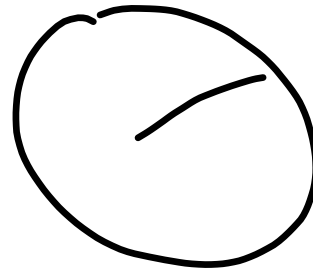
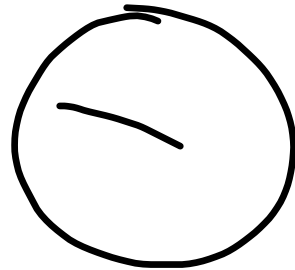
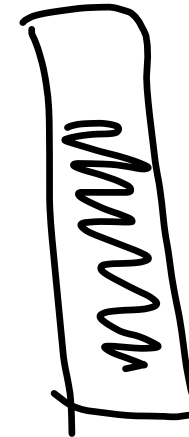
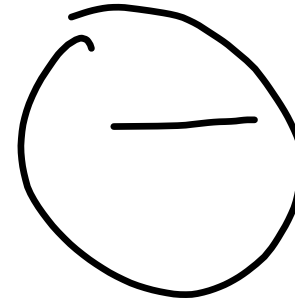
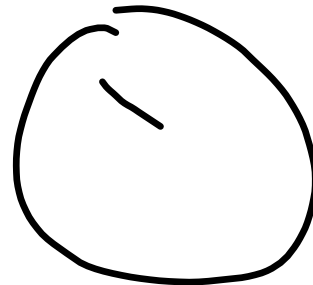
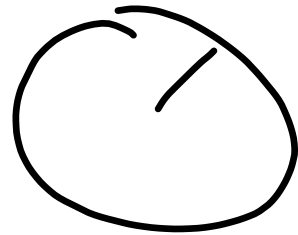
Better code complexity metrics?

- Function points count if/while/for branches
- OO metrics
  - # methods / class
  - # classes used by a given class
  - .. .


Bug count  
# bugs  
# open bugs  
average time to close  
⋮



# Dashboard



Pilot sees raw numbers

 (substitute your own gratuitous image)

Date of last update: 2005-10-24

Metric ↓ / Week →	42	43	44
Total number of <b>inch-pebbles</b> in the schedule			
Number of inch-pebbles tasks that have started			
Number of <b>completed</b> inch-pebbles			
Total number of hours worked (by all team members)			
Difference between total number of hours worked by most indistrious and least industrious team member			
Total number of use case scenarios (happy day + exception)			
Number of use case scenarios whose implementation has started			
Number of use cases whose implementation has <b>completed</b>			
Total number of screens in UI			
Number of screens whose implementation has started			
Number of screens whose implementation has <b>completed</b>			
Total number of classes in the design			
Number of classes whose implementation has started			
Number of classes whose implementation has <b>completed</b>			