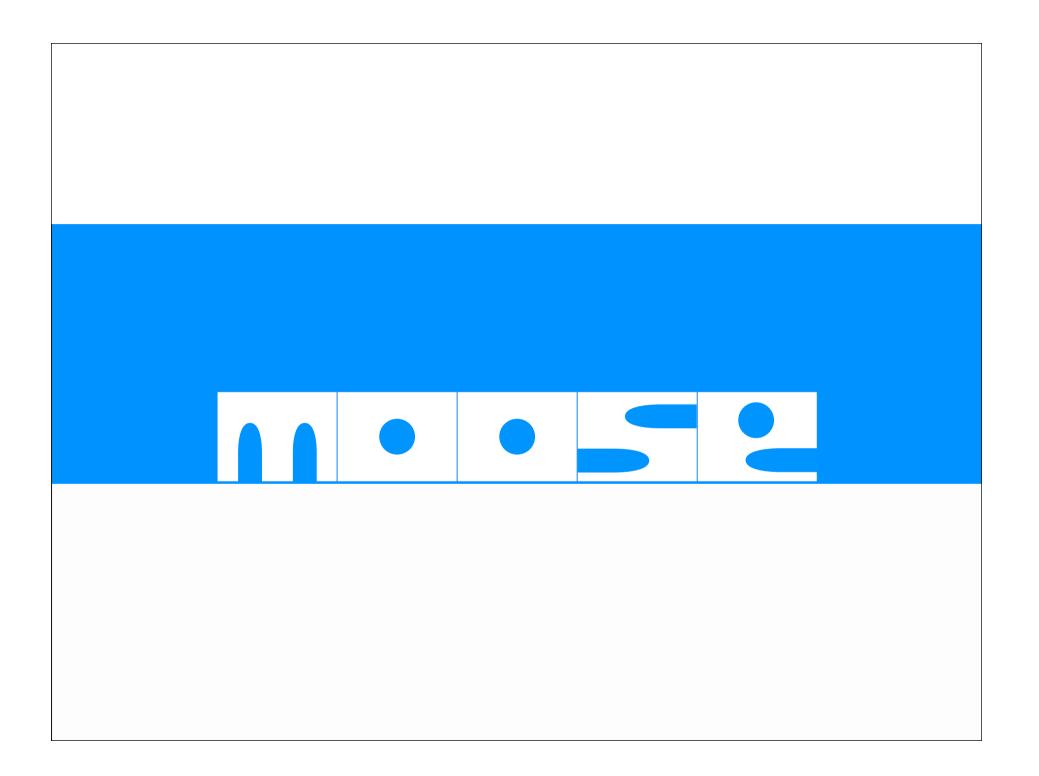
Moose, Roassal and Visualizations

Alexandre Bergel abergel@dcc.uchile.cl 14/08/2012

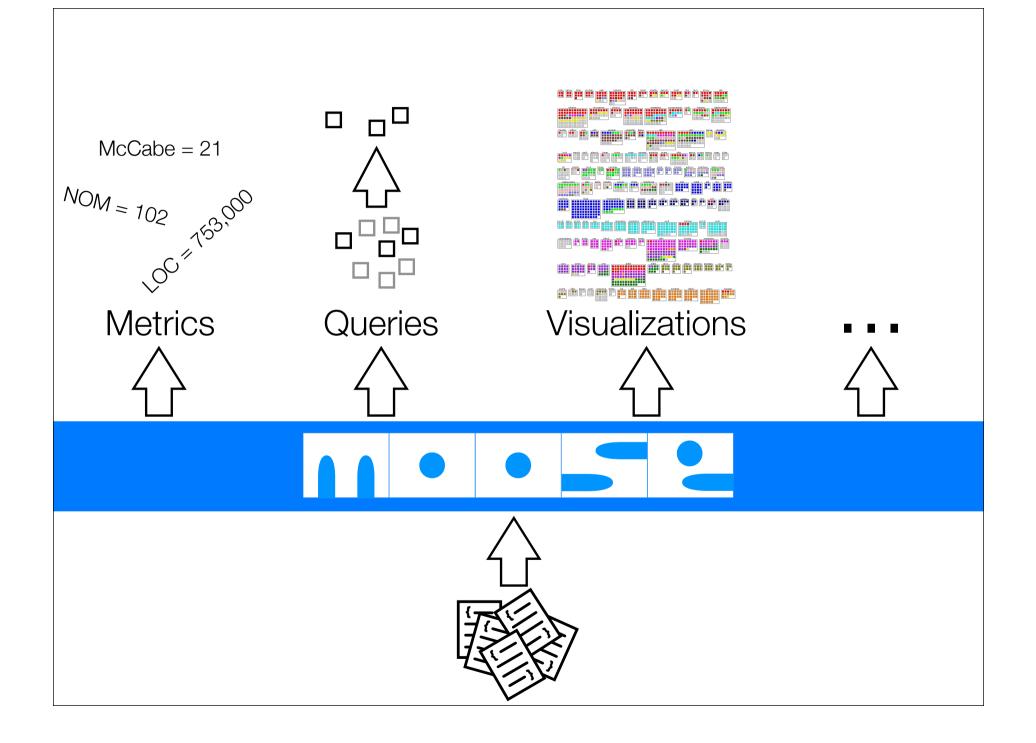


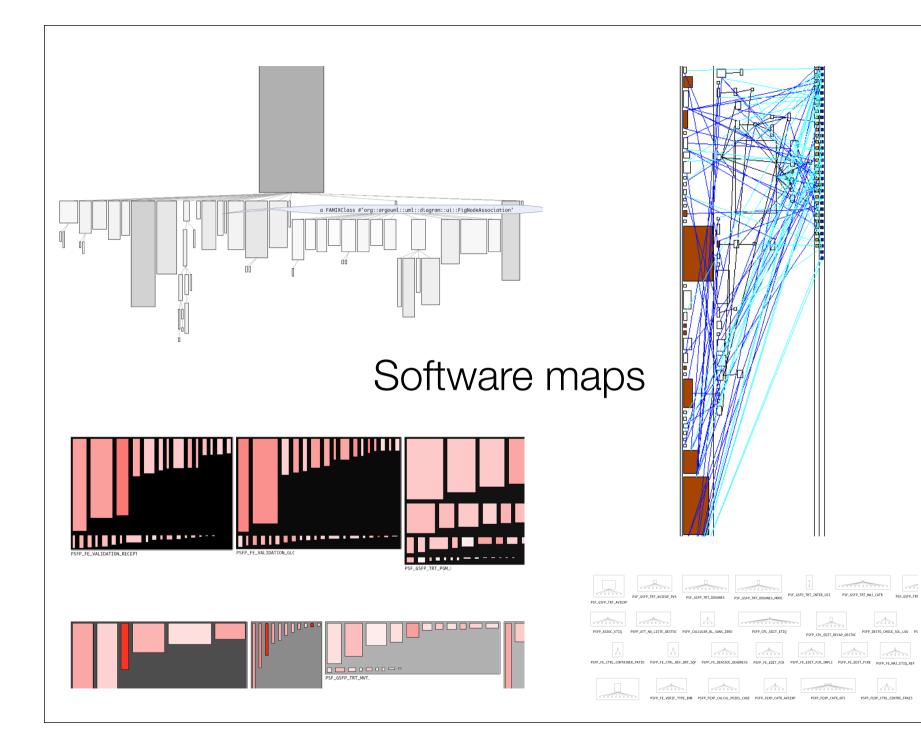
Moose's pillars

Analysis environment for software systems

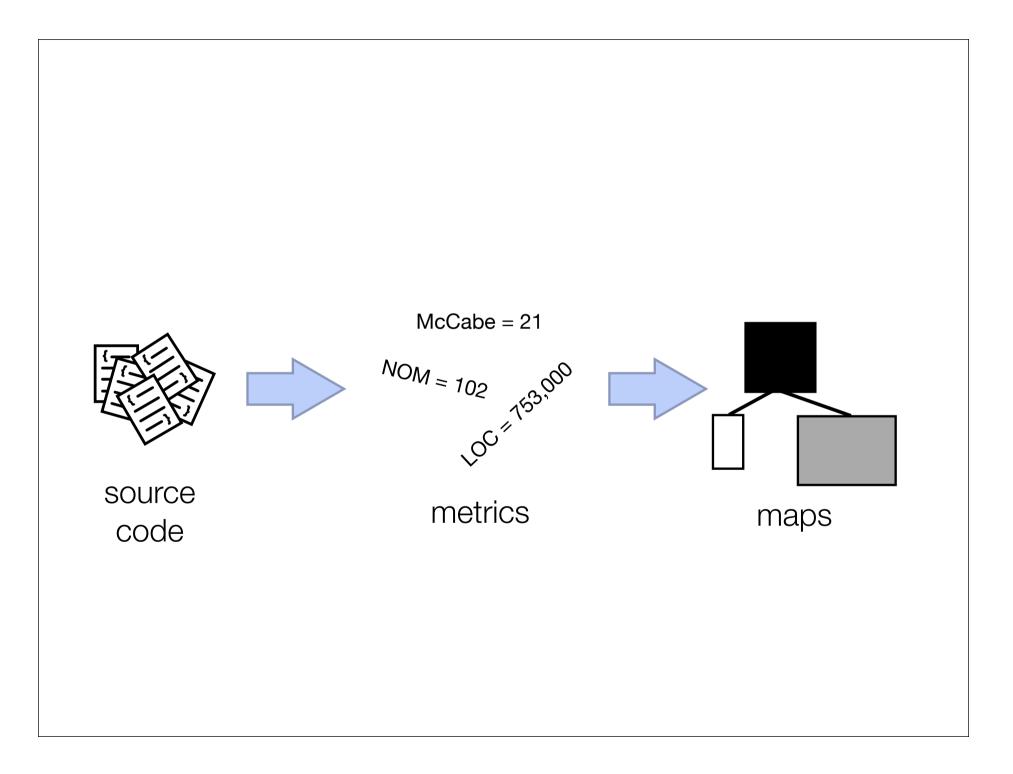
4 core actions

navigation: moving between things *selection*: grouping things *inspection*: inspecting things *presentation*: rendering things



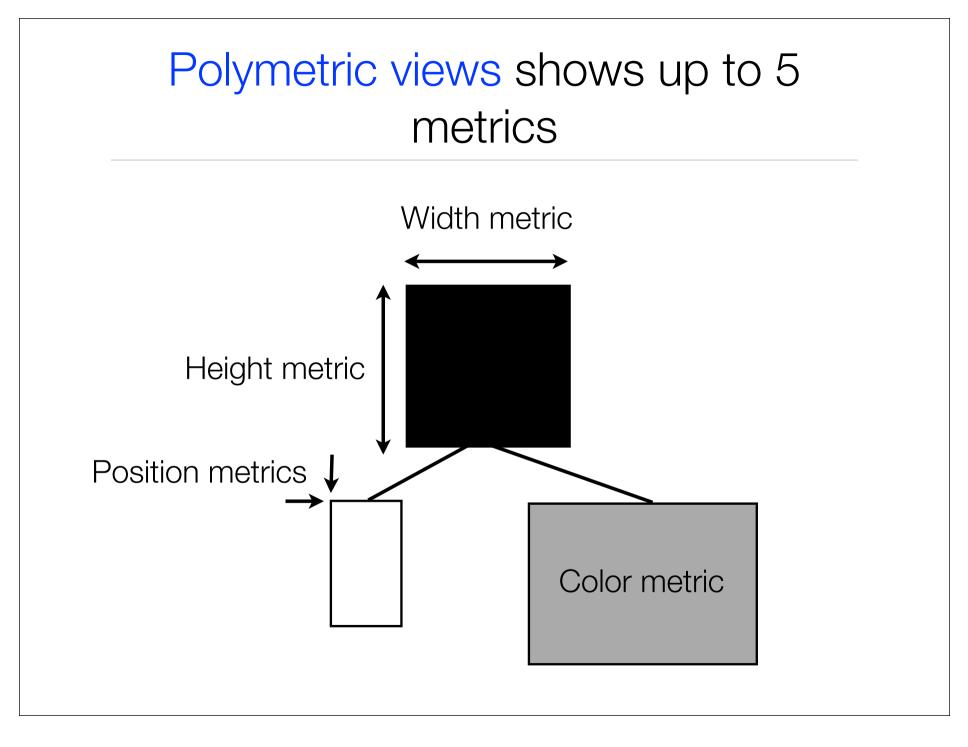


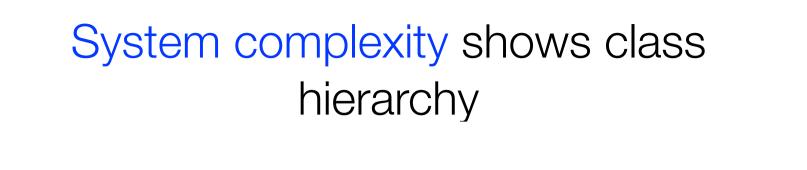
PSFP_DESTD_CHOIX_SOL_LOG PS

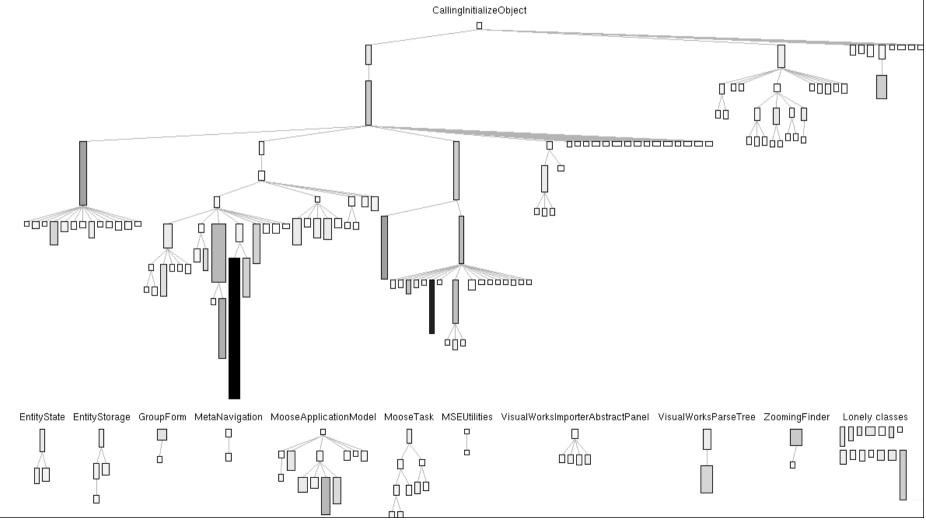


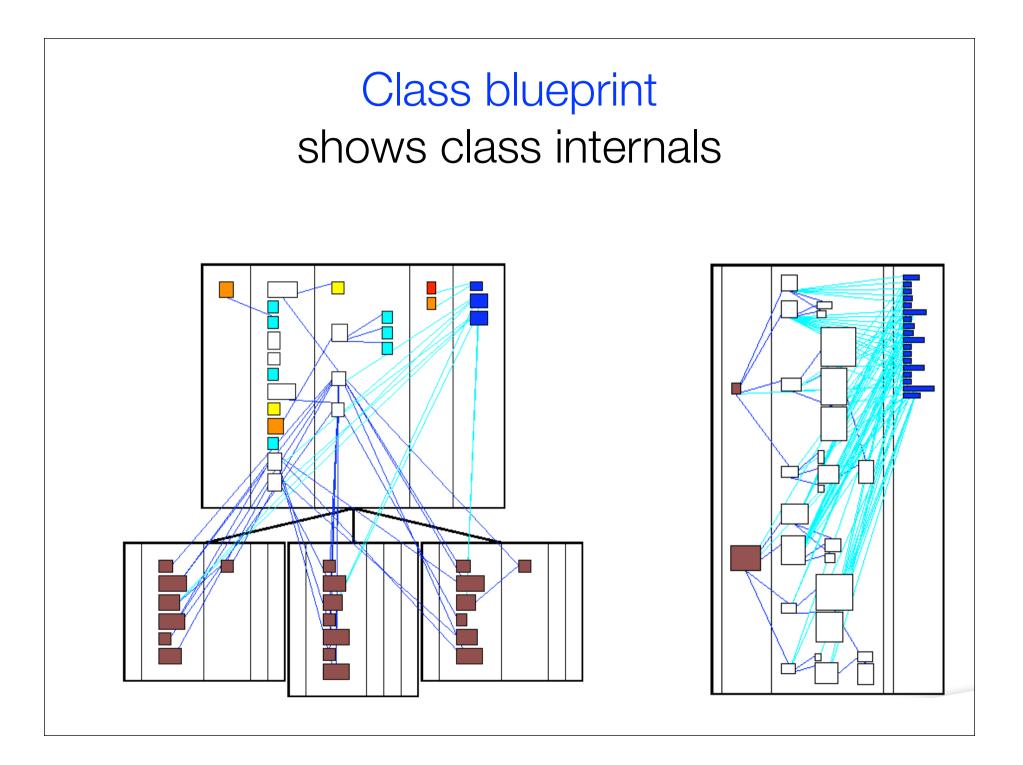
Metrics compress the system into numbers

NOM	NOC	DUPLINES
LOC	NOCmts	NAI
TCC	NOPA	NOA
WMC	WLOC	NI
CYCLO	WNOC	
ATFD	WOC	
HNL	MSG	







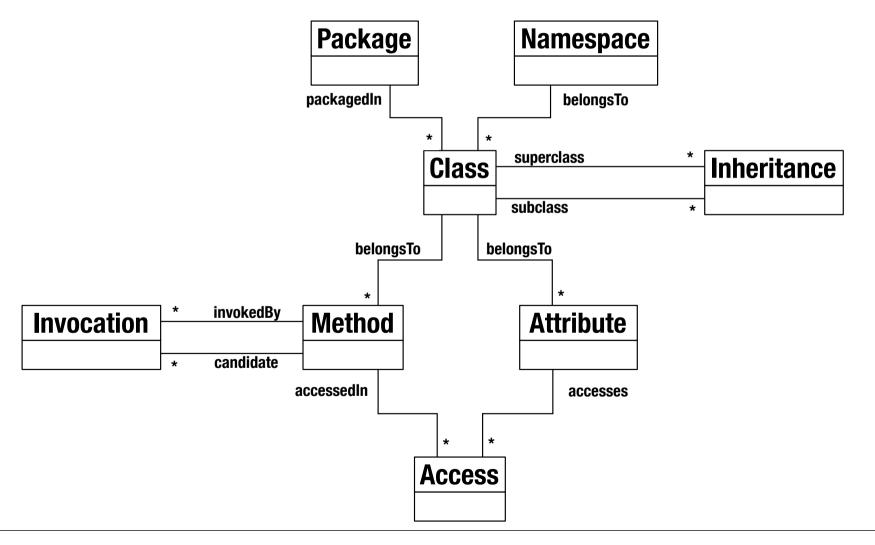


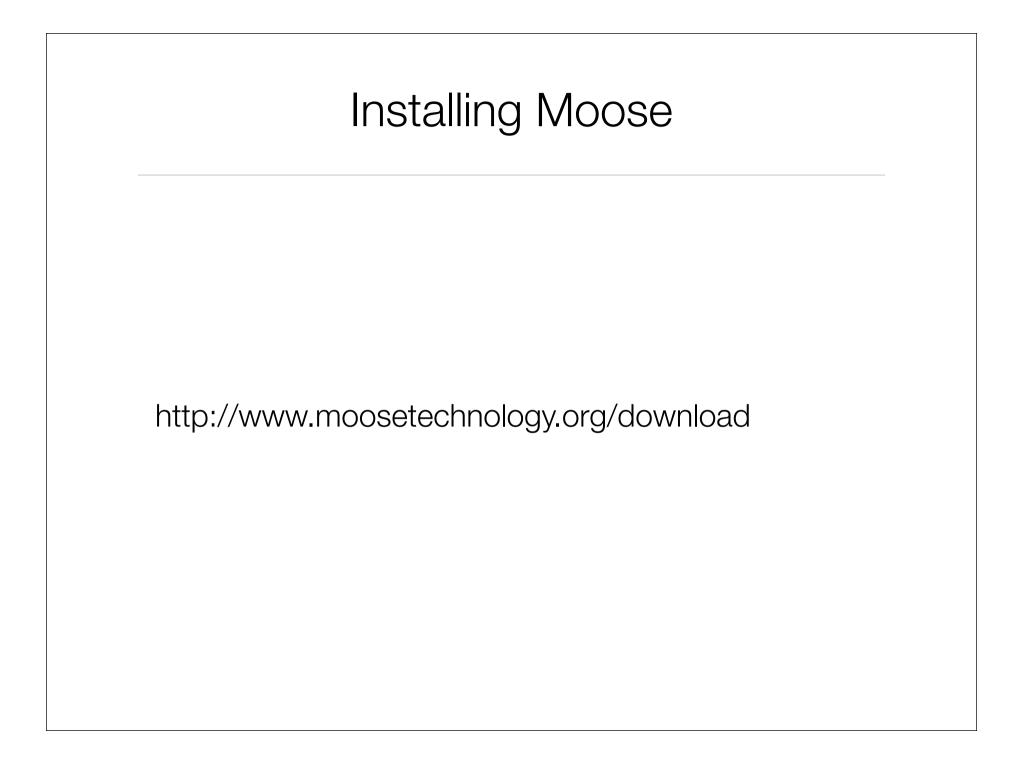
More info

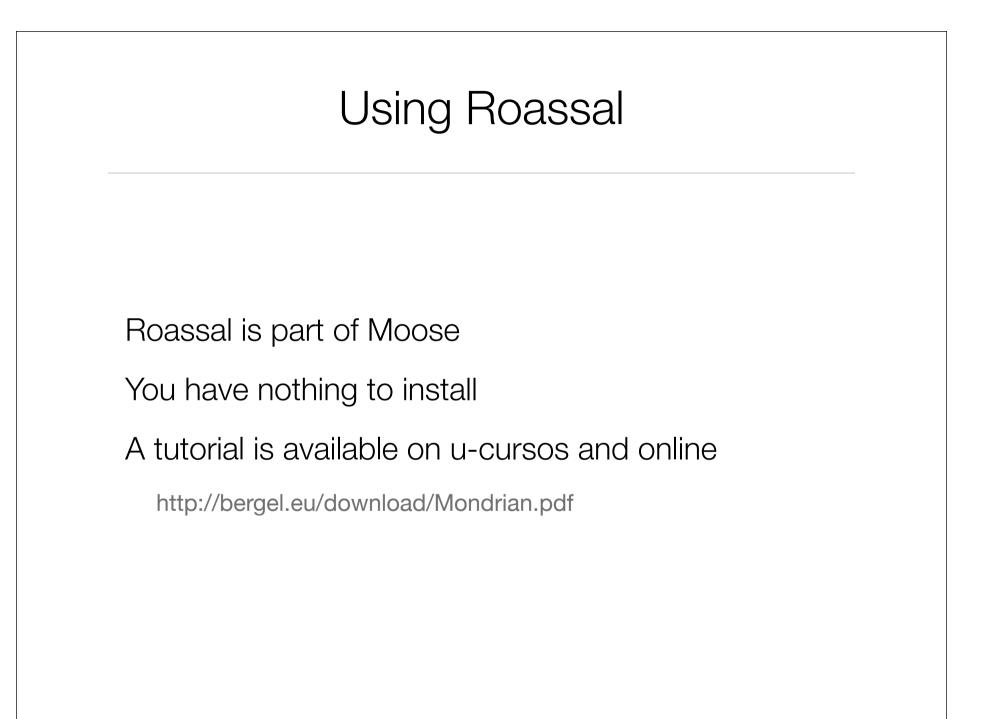
Michele Lanza and Stéphane Ducasse. <u>Polymetric Views—A Lightweight</u> <u>Visual Approach to Reverse Engineering</u>. In Transactions on Software Engineering (TSE) 29(9) p. 782—795, September 2003

Stéphane Ducasse and Michele Lanza. <u>The Class Blueprint: Visually</u> <u>Supporting the Understanding of Classes</u>. In Transactions on Software Engineering (TSE) 31(1) p. 75–90, January 2005.









Getting MSE file

MSE is the file format used to exchange meta-models

In order to load a Java application into Moose, you need first to translate your .java files into a MSE file

VerveineJ is a translator Java -> MSE

http://www.moosetechnology.org/tools/verveinej

Tarea (a)

You will conduct an analyze of an application

You need to hand in a small report on Tuesday 4 september

This time using the tools we introduced today

You need to provide a report that contains:

a description of Argo UML

analysis of Argo UML using the visualizations and tools we have seen today

use Mondrian to do a personal visualization

suggestion for code improvement

Tarea (a)



- Matias => ArgoUML
- Rodolfo => ArgoUML



- Diego => EyeSee
- Alonso => EyeSee



- Roberto => Roassal
- Marcela => Roassal



Gustavo => Glamour



Maximilian => Glamour

Additional links

http://www.moosetechnology.org/

http://www.themoosebook.org/book