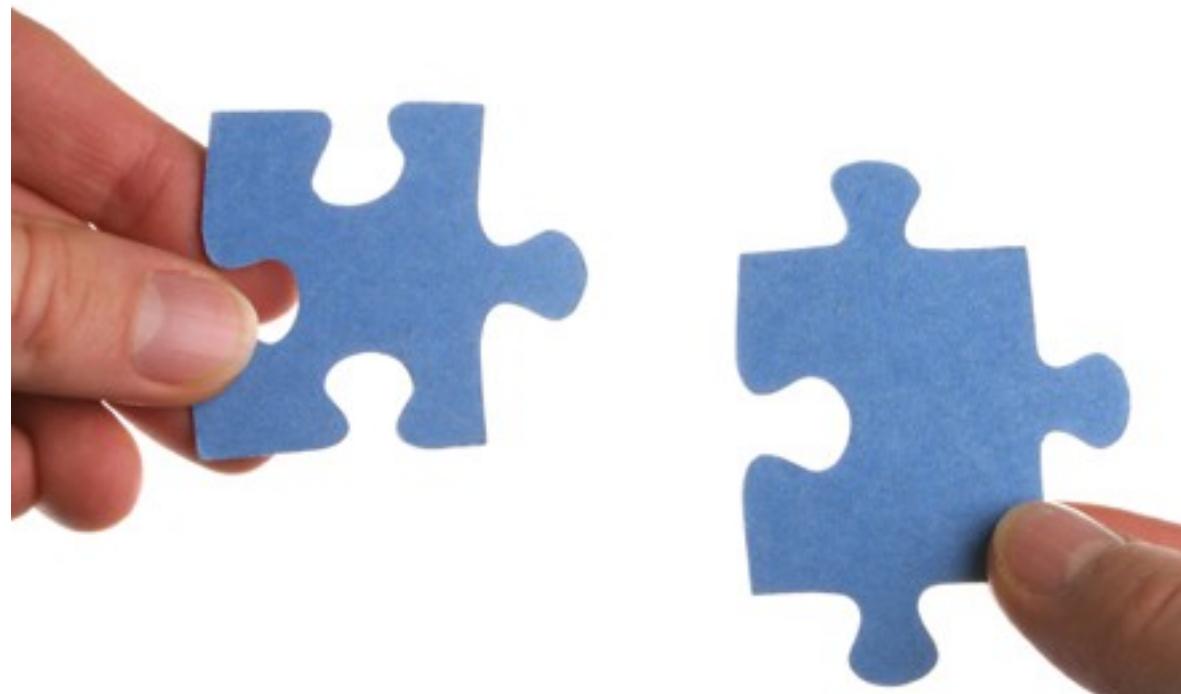


Training to become a software architect

- Thoughts and reflections



Agenda

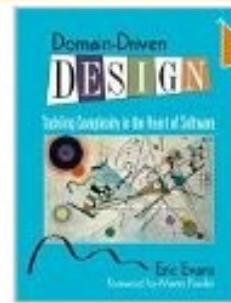
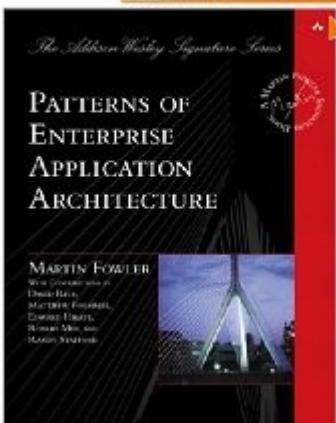
Knowledge

Experience

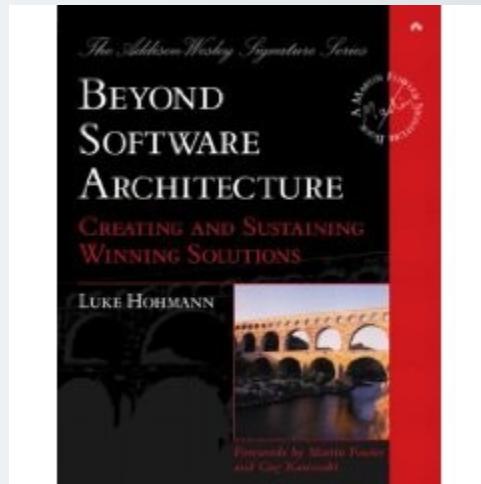
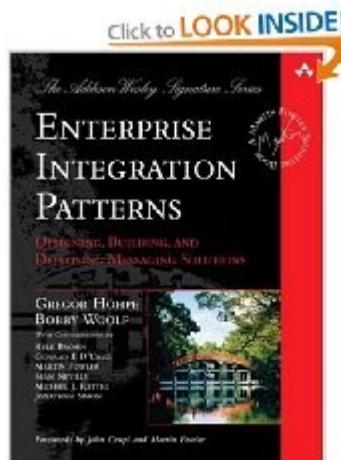
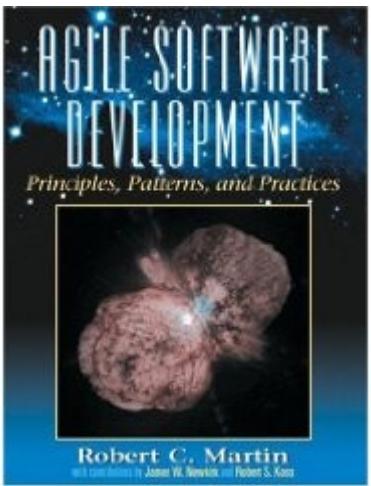
Learn soft skills

Should I read loads of books? Which?

YES!



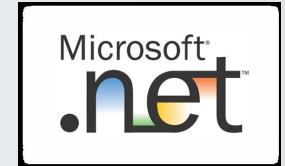
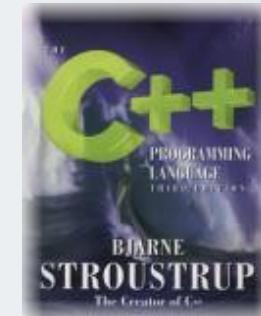
YES!



Src: <http://wiki.cantara.no/display/smjidtonull/Excellent+Books>

I assume I need to be an excellent programmer?

No, not really!



Maven
UML
Presentation techniques
Testing
Project Management
Agile methodology
Documentation
System administration
ER modelling
Refactoring
Solaris
WebSphere
Photoshop
Estimation



Visualization time!

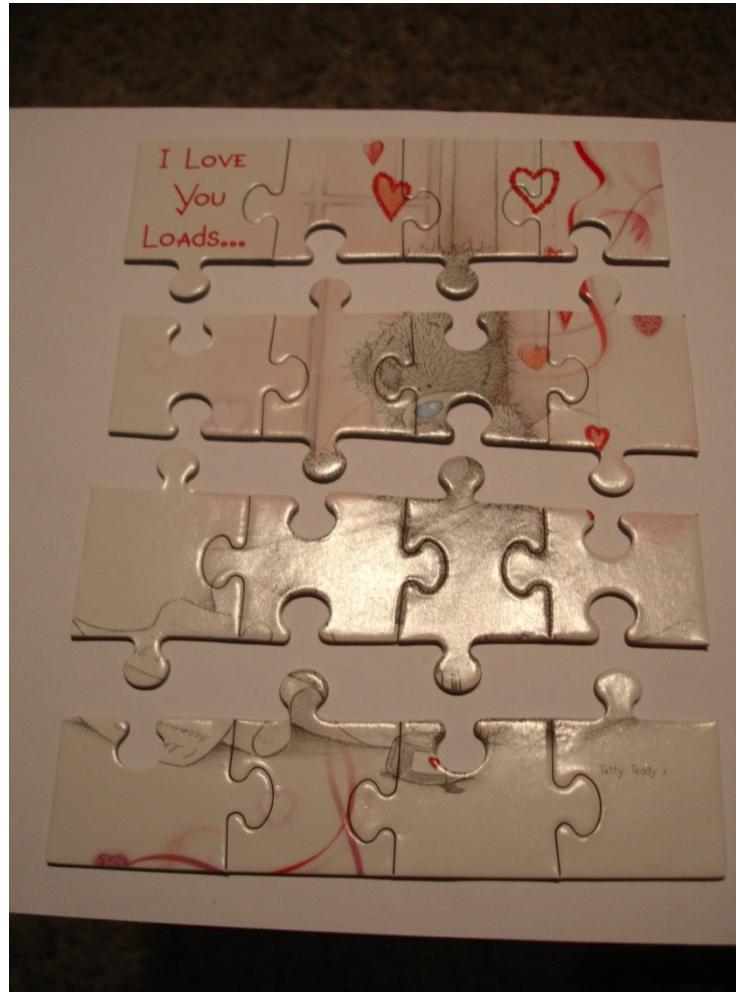
New development project



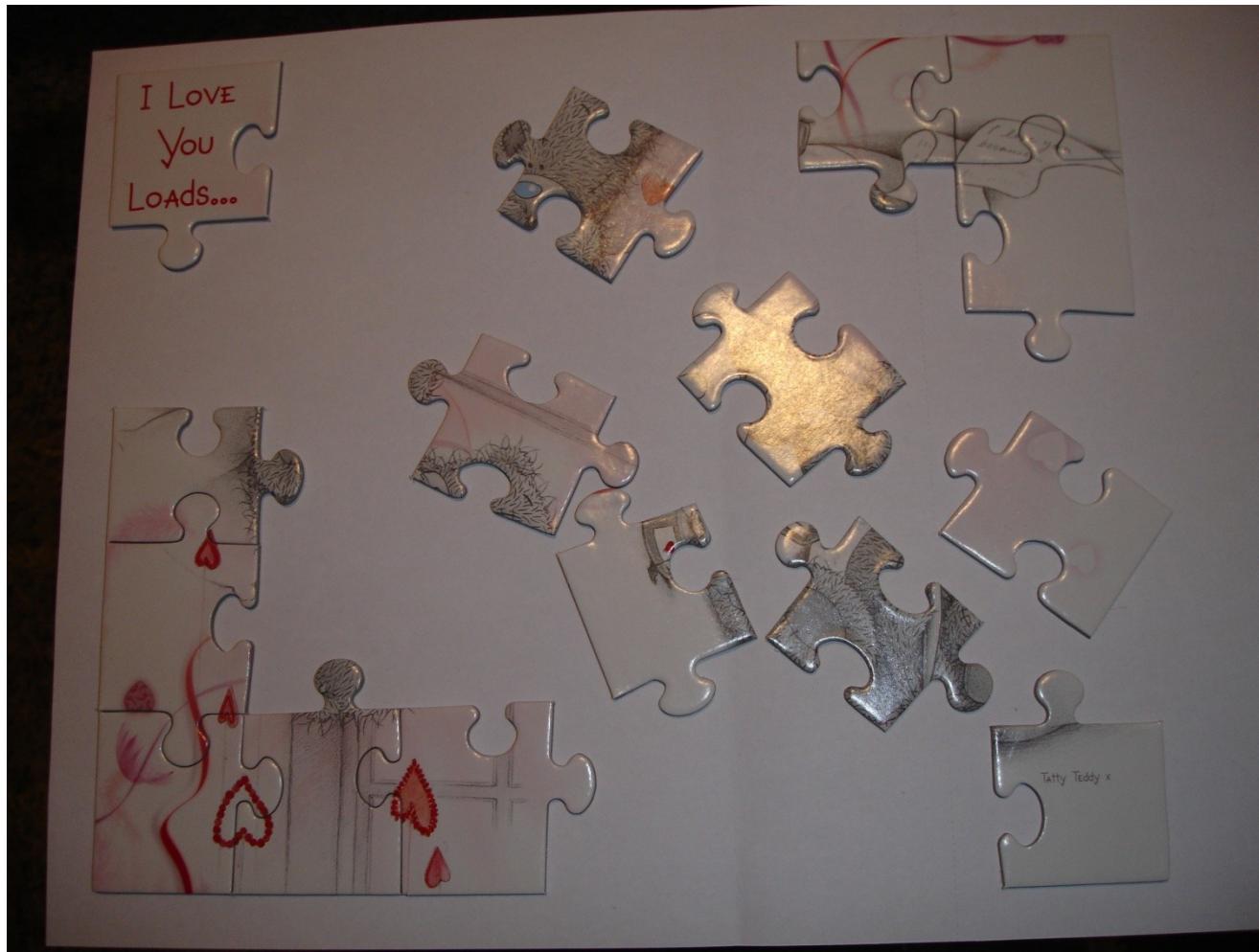
Expected view



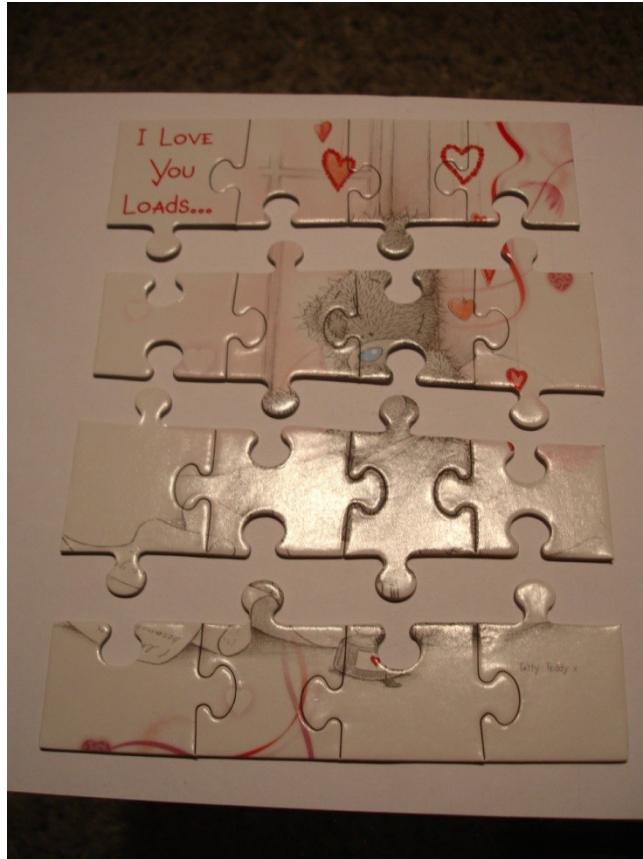
Real view #1



Real view #2



What is best?



OR



Acknowledge your own limitations

- Big picture OR details
- Enterprise architect OR project architect

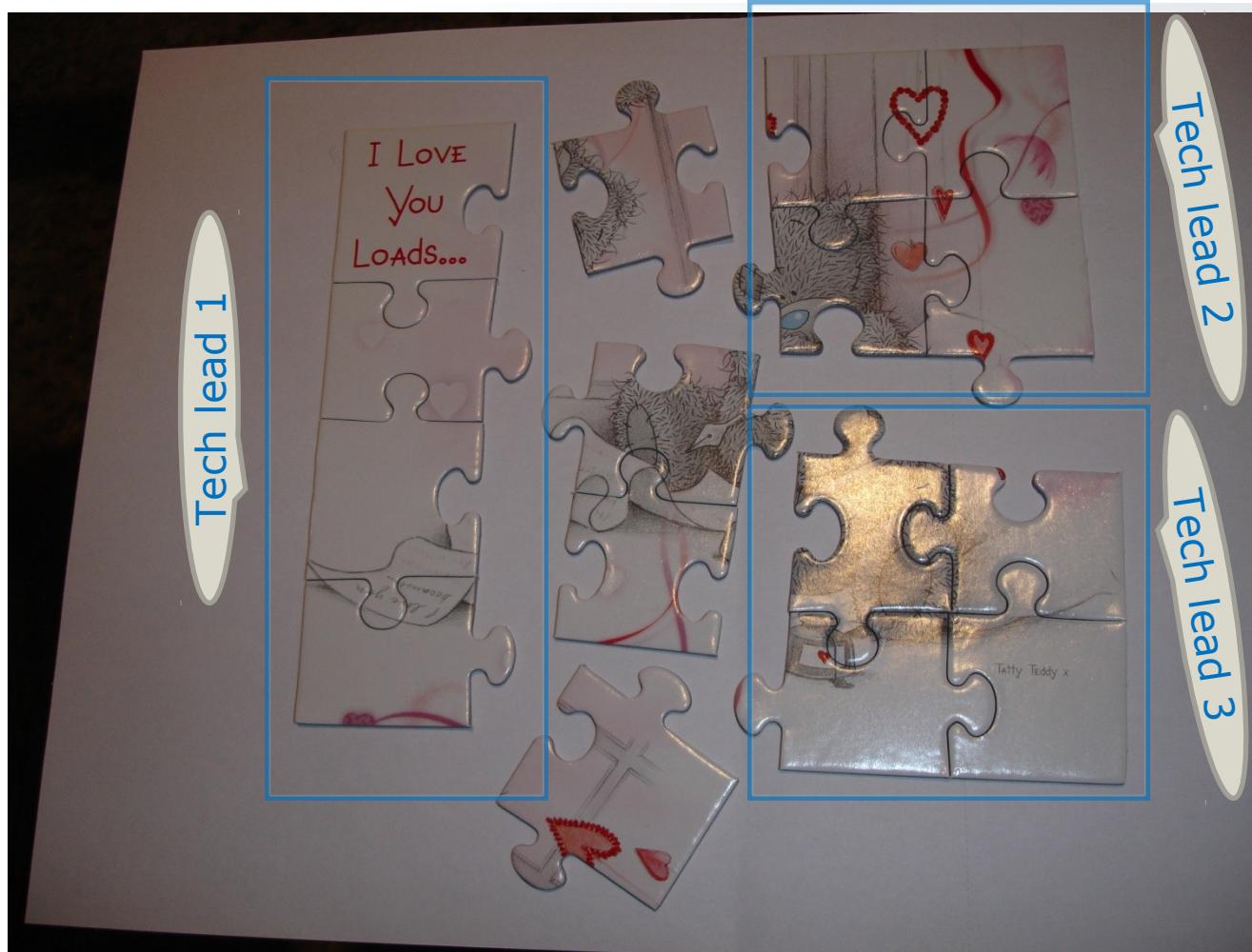
divide et impera!

(aka. divide and conquer)

Enterprise Architect scope



Tech lead view



It is all about communication!

- Learn from great architects
- Establish a feedback loop aka. *Learning circle*

How to learn the trade

- Read books!
- Acknowledge your own limitations!
- Establish feedback loop(s)!

Resources

Excellent books:

<http://wiki.cantara.no/display/smidgeonull/Excellent+Books>

Architect roles and responsibilities:

<http://wiki.cantara.no/display/KM/Architect+roles+and+responsibilities>

Learning circle:

<http://wiki.cantara.no/display/KM/Learning+circle>