



On Designing Recommenders for Graphical Domain Modeling Environments

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Task: design a domain model for a computer system

You can either start from scratch ...

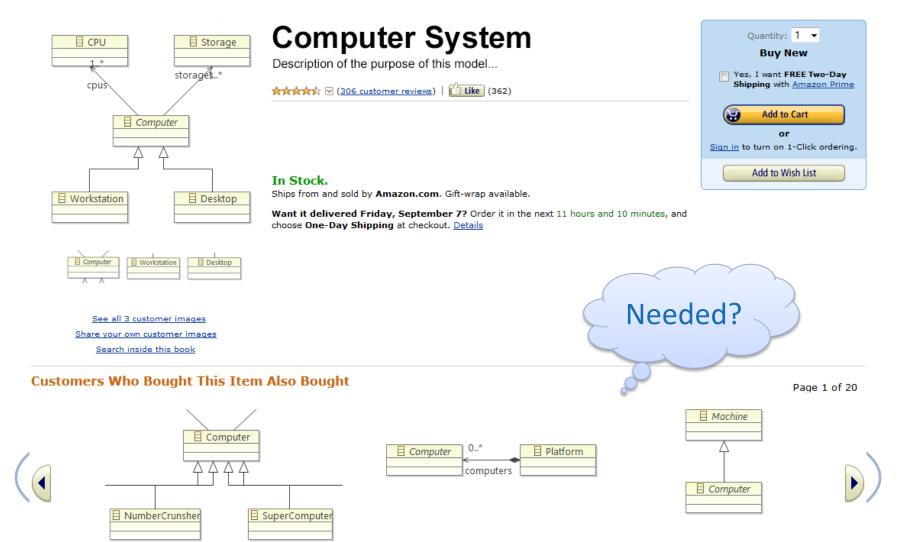


... or use existing models and adapt. Not used ... Why? **Model Library** $^{\sim 1}/_3$ doing so



One vision ...









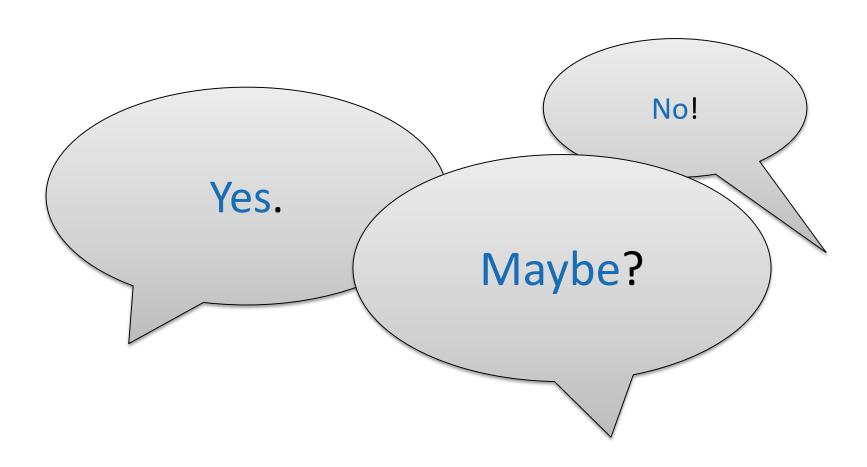
No!

"Maybe good for teaching purposes and beginners, but not for experts."



... and a modeling community

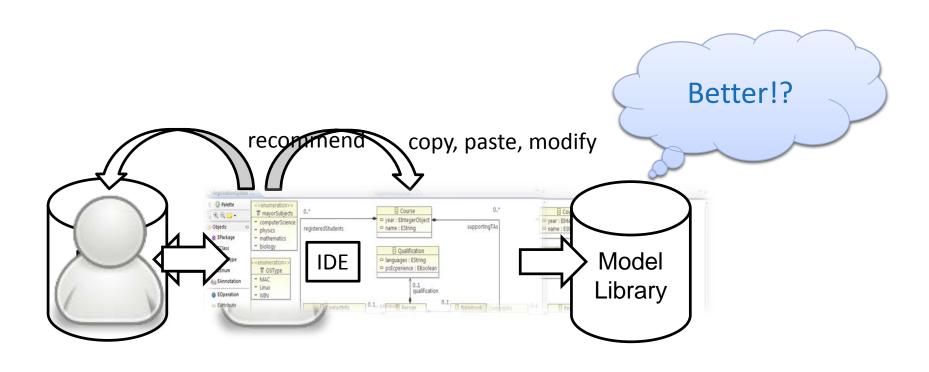






Designing models and model reuse

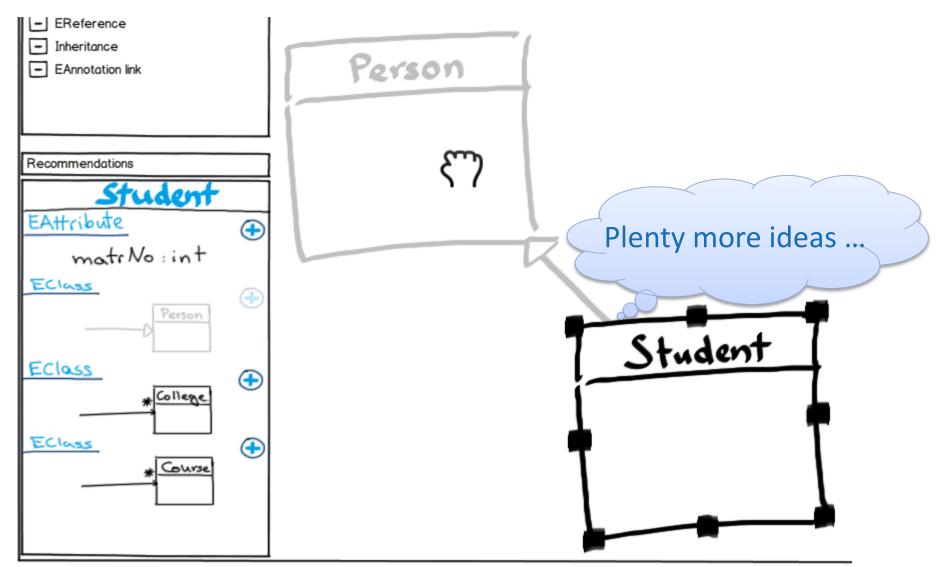






So we sketched some mock-ups ...

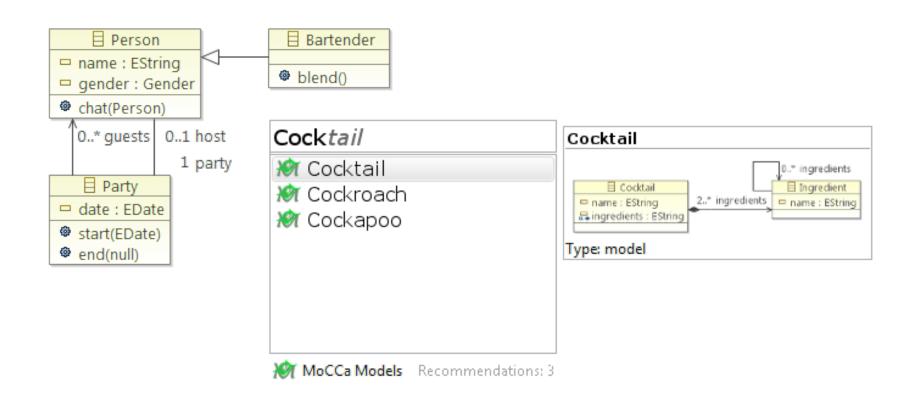






... and quickly designed a prototype









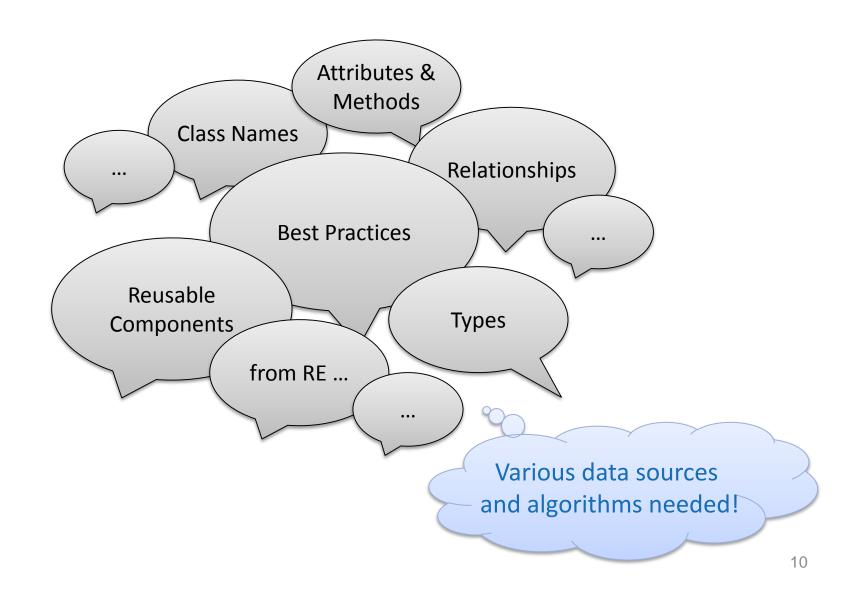






What would useful recommendations be?

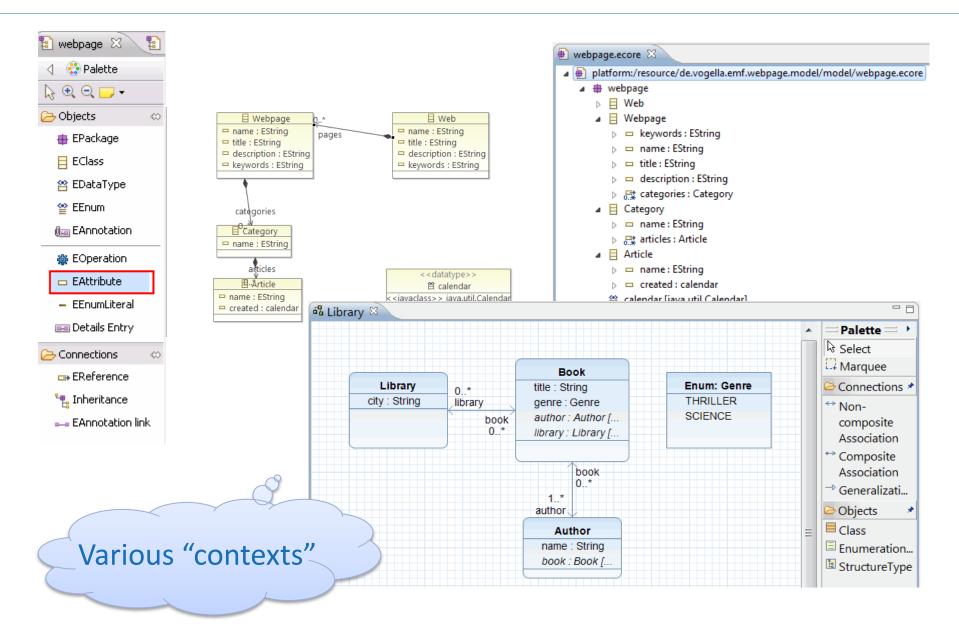






There are a lot of (EMF) editors ...







This is just the beginning ...

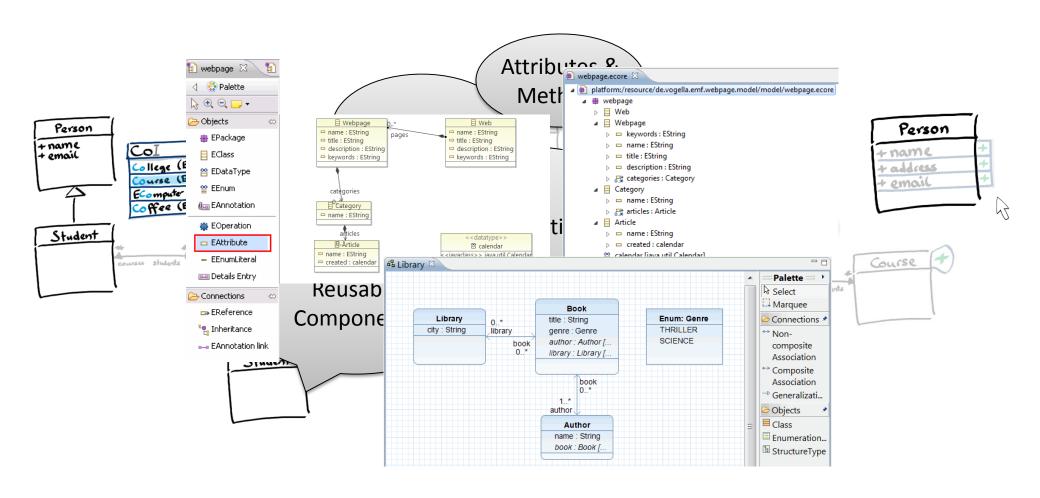






Conclusion





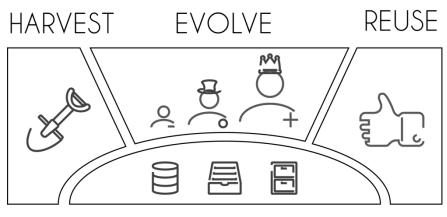






The HERMES Project

HERMES



MODELS EASILY AND SEAMLESSLY

References

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and more to come on

Harvesting Models and Related Algorithm

Context Management and Related Datastructures

Recommendation Strategies and Related Algorithm