

DSM + Frameworks

What is the best abstraction level to use?

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Bottom-Up vs. Top Down Abstractions

- Formal vs. informal : what if it's not complete?
 - Not complete: change a model, change the s/w system, change the code generator?
 - How is this different from s/w problems?
- Knowledge of the 'real world' is always empirical!
 - Sometimes this conflicts with a software implementation (and its faults)

CPS vs. Not Modeling

- Some abstractions are easier to leave behind, some make bigger impact if ignored
- Sometimes market decisions affect the models, but will never affect how the models are built---rather how they must be evolved or managed

Framework Impacts Models

- Technical dimension, dealing w/ the problems of a framework's API
- Framework may impact the user base: could influence how people already think about the problem
 - DSM solution must understand this line of thought

The end!