DSL Experience (#DSM13)

• Siemens investigates DSL applications
• Xtext: domain specific editor the easy way
• GME (1995) OCL (expert defined)
• Correctness of generated code? Not possible but provide tests along with model development and look at code coverage.
• Multi object constraints possible in OCL
• Writing the code that generates the code is the hard work.
• DSL -> boilerplate code generation IDE (undo/redo/cut/paste)
• Model transformation to leverage on available model code generators/interpreters
• PTOLMY -> hydrid system for chemical engineering reletad modeling