

Tutorial of the ATL transformation language

<http://github.com/jesusc/atl-tutorial>

Creative commons (attribution, share alike)

Part 00

DEMO PROJECT: GUI GENERATION

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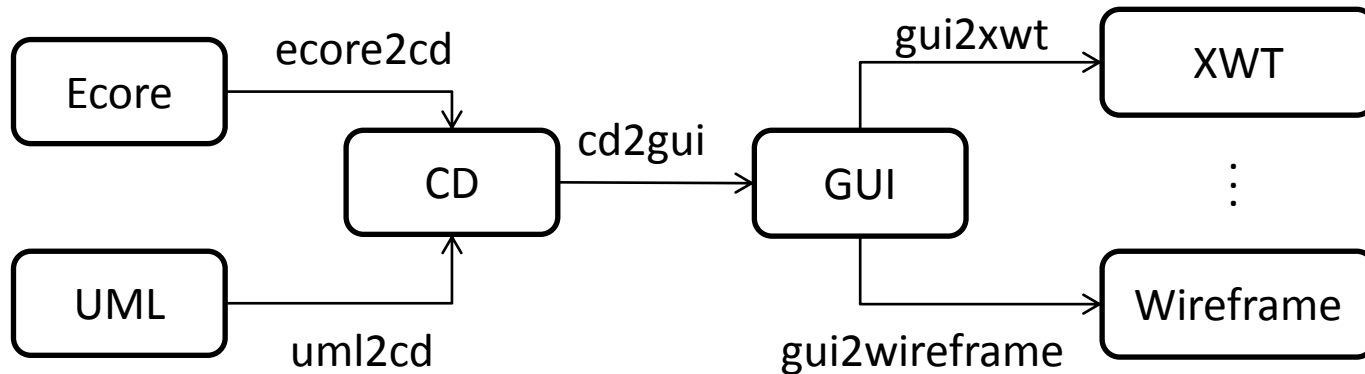
[@sanchezcuadrado](#)

<http://sanchezcuadrado.es>

Motivation

- GUI generator
- Illustrate the course with a (hopefully) useful example
 - Cannot be semantically very complicated
 - Known domain (class diagrams, GUI)
 - Each attendant with a different background
 - We want to focus on ATL

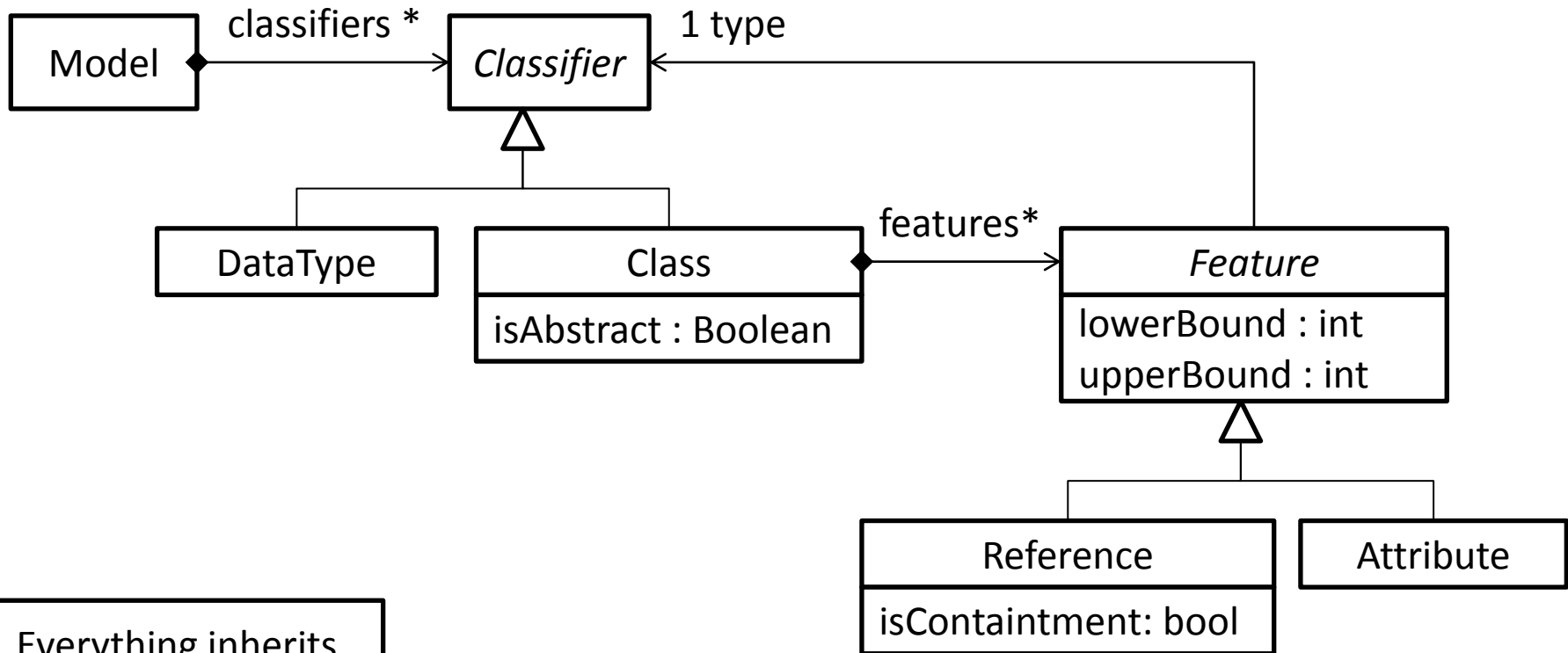
Architecture



CD is a pivot meta-model

- Mappings from OO languages are possible
- Remove complexity

Class diagram meta-model



Everything inherits
from NamedElement

GUI meta-model

