M3 : Meta-metamodel layer

- MOF metamodel

M2 : Metamodel layer

- UML metamodels (infrastructure, superstructure and profiles)
- Other language metamodels

M1 : Model layer

- UML models (PIMs and PSMs)
- Code
- Other language models

M0 : Instance layer

- The "real world"
- Instances of models
- Run-time execution traces

Instantiation