Multi-Level Modeling with Melanee

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References

- www.melanee.org
- Colin Atkinson, Ralph Gerbig Harmonizing Textual and Graphical Visualizations of Domain Specific Models 2013.
- Colin Atkinson, Ralph Gerbig Melanie Multi-level Modeling and Ontology Engineering Environment
- Colin Atkinson, Thoman Kuhne Rearchitecting the UML Infrastructure 2002.

Overview

- Melanie as textual and graphical domain specific language tool
- Components
- Tool
- Features

Melanie as textual and graphical domain specific language tool

Visual-Based

- MetaEdit+
- Poseidon for DSLs
- Microsoft Visual Studio for DSLs
- AToM3/AToMPM

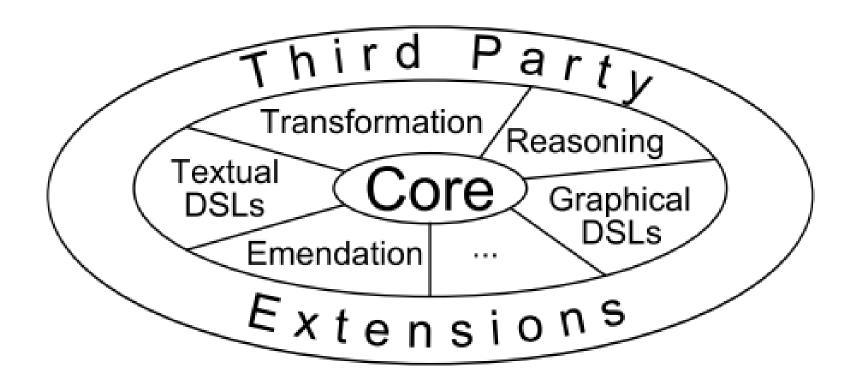
Text+Graph

Melanie

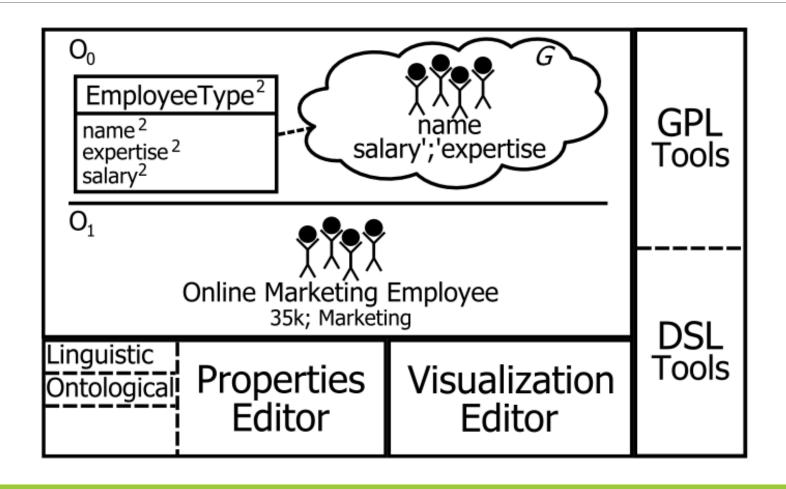
Text-Based

- XText
- JetBrains MPS
- Spoofax
- MetaDepth
- EMFText

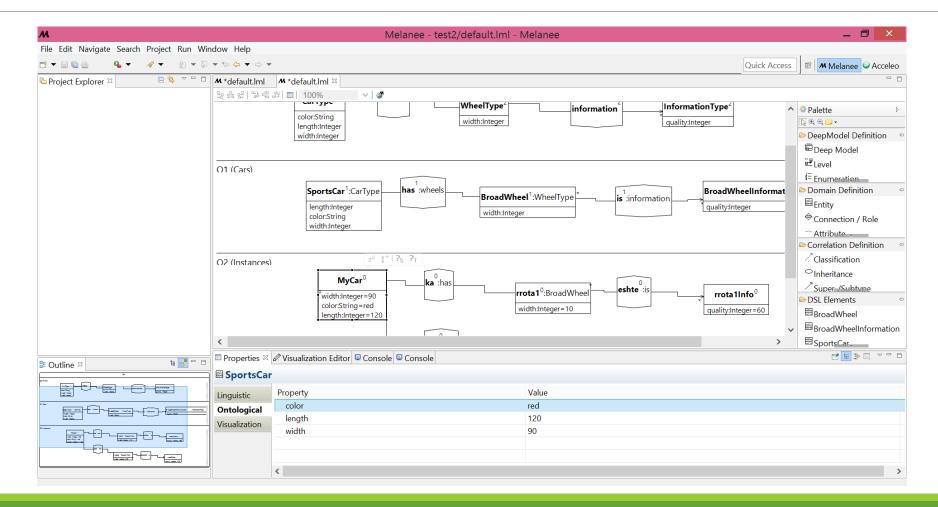
Components



Tool



Tool



Features

Two [or more] Dimensional Modeling Framework

CLAss oBJECT

Potency (Deep Instantantation)



Thank you!

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