Multi-Level Modeling with Melanee

SARA SALI
References

• [www.melanee.org](http://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**

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<thead>
<tr>
<th>Visual-Based</th>
<th>Text+Graph</th>
<th>Text-Based</th>
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<tbody>
<tr>
<td>• MetaEdit+</td>
<td>• Melanie</td>
<td>• XText</td>
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<tr>
<td>• Poseidon for DSLs</td>
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<td>• JetBrains MPS</td>
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<tr>
<td>• Microsoft Visual Studio for DSLs</td>
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<td>• Spoofax</td>
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<td>• AToM3/AToMPM</td>
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<td>• MetaDepth</td>
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<td>• EMFTText</td>
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Components
Tool
Tool
Features

- Two [or more] Dimensional Modeling Framework
- CLAss oBJECT
- Potency (Deep Instantantation)
Thank you!
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